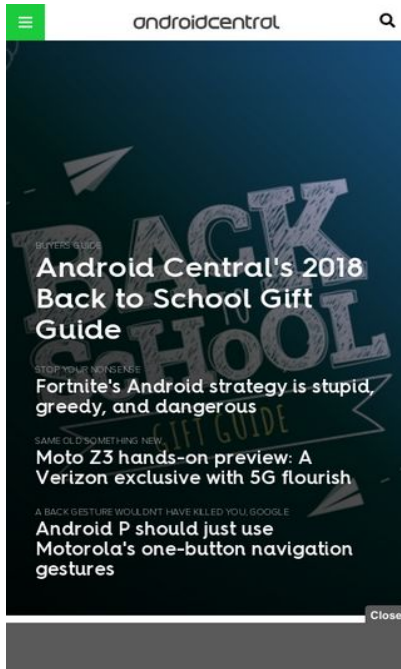


PageSpeed Insights

Mobile



19 / 100 Speed

 Should Fix:

Avoid landing page redirects

Your page has 3 redirects. Redirects introduce additional delays before the page can be loaded.

[Avoid landing page redirects](#) for the following chain of redirected URLs.

- <http://androidcentral.com/>
- <https://androidcentral.com/>
- <https://www.androidcentral.com/>
- <https://m.androidcentral.com/>

Mobile

Leverage browser caching

Setting an expiry date or a maximum age in the HTTP headers for static resources instructs the browser to load previously downloaded resources from local disk rather than over the network.

[Leverage browser caching](#) for the following cacheable resources:

- <https://static.adsafeprotected.com/skeleton.js> (expiration not specified)
- https://www.lightboxcdn.com/vendor/2a574849-a046-4422-b95b-66298772576e/lightbox_inline.js (expiration not specified)
- <https://ads.servebom.com/tmnhead.js> (10 minutes)
- <https://dptr.areyouahuman.com/dptr?dpm=lotame&dpi=5c600f760b1377ab12304b52acd3883b&aoc=807989c5-6435-4eb0-a66e-2881ec697243> (10 minutes)
- <https://syndication.twitter.com/settings> (10 minutes)
- <https://www.googletagmanager.com/gtm.js?id=GTM-N9VHS7> (15 minutes)
- <https://www.googletagservices.com/tag/js/gpt.js> (15 minutes)
- https://connect.facebook.net/en_US/sdk.js (20 minutes)
- <https://platform.twitter.com/widgets.js> (30 minutes)
- <https://securepubads.g.doubleclick.net/static/glade.js> (30 minutes)
- <https://cdn.perfdrive.com/aperture/spectrum.js> (60 minutes)
- <https://pagead2.googlesyndication.com/pagead/osd.js> (60 minutes)
- https://pagead2.googlesyndication.com/pagead/show_ads.js (60 minutes)
- <https://www.google-analytics.com/plugins/ua/linkid.js> (60 minutes)
- <https://js-agent.newrelic.com/nr-1071.min.js> (2 hours)
- <https://www.google-analytics.com/analytics.js> (2 hours)
- <https://secure-assets.rubiconproject.com/utills/xapi/multi-sync.js> (3.3 hours)
- <https://c2.taboola.com/nr/mobilenations1-andriodcentral/newsroom.js> (4 hours)

Eliminate render-blocking JavaScript and CSS in above-the-fold content

Mobile

Your page has 8 blocking script resources and 6 blocking CSS resources. This causes a delay in rendering your page.

None of the above-the-fold content on your page could be rendered without waiting for the following resources to load. Try to defer or asynchronously load blocking resources, or inline the critical portions of those resources directly in the HTML.

[Remove render-blocking JavaScript:](#)

- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_js/js__yYfckzD6I-hIS2fSrkgdOuhRGy6qJ9mCP9zsuSfPmA__talCaqG1HXlxJHCQFMFATq82oDC8GO-NeuD3Vn1hliA__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.js
- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_js/js__DdVFS98VpRtIGGEcqNG0hoBz3IVJ_9_cUHyqcB4ePOE__YAGtdeA_GdhWuSMNcofoG-QaLljOjdXCAhJjV15o3yc__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.js
- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_js/js__ecAOMBrob408f7DVqqcGF19NXTY3Ir_LLJZCWdxnnEE__DtjpraS06F3omahpV0vmyfm9dSh7JJYnWvZYNALU3cs__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.js
- <https://cdnjs.cloudflare.com/ajax/libs/fancybox/3.1.25/jquery.fancybox.min.js>
- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_js/js__X1-DMLUXcNuYNj8Z5e2Xd2a1gCSck6RdK1JBMZrWC8s__4YILLr7tX-S4fQI9VyfZtzpjmWQ81XILWd5DxdLBWj0__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.js
- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_js/js__kEscKj8kQAkmRx4D3CM3uBnu_-lInoKfyp_-si7vzHI__4RACsFC4pZg2VCnKmcjEslgzEz7SH2dpieMocGZQf-0__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.js
- <https://passport.mobilenations.com/js/cluetip/jquery.cluetip.min.js?v360>
- <https://passport.mobilenations.com/content/topbar/nationsbar.js?v=4360>

[Optimize CSS Delivery](#) of the following:

- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_css/css__FIYoQA7vFEcQv9dwiNBEv2qRlfpq22RZ3_hSi29jqwQ__VBo47K4sRa2MMUA9821G1IkR3zKgtW2P30Nb9BGtEwM__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.css
- <https://cdnjs.cloudflare.com/ajax/libs/fancybox/3.1.25/jquery.fancybox.min.css>
- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_css/css__Ky7jIzKep3CAH9r_PzEs6gLI13uf2pcWpnxjmycbu18__qvrGmLAIZb2hcV5645cU1VuUfObZwMVN6VugkBCPWyY__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.css
- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_css/css__emDGL7ELG26TbATw8aEDLbN8OgFOe5nAftOjEDSOdic__2F8raJe7tXJ3ilJyU4UGTzxyqb2__rF_HsrCereMH5U__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.css
- <https://passport.mobilenations.com/cache/css/nationsbar.css?v360>

- <https://passport.mobilenations.com/js/cluetip/jquery.cluetip.css?v360>

Optimize images

Properly formatting and compressing images can save many bytes of data.

[Optimize the following images](#) to reduce their size by 2.3MiB (96% reduction).

- Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/springsteen-p4co.png?itok=FAI3fjUt> could save 517.8KiB (97% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/acer-chromebook-tab-10-hero-face.jpg?itok=TsjhGxJ1 could save 117KiB (97% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/03/fortnite-androidcentral-screen.jpg?itok=AQzyMsHH could save 113.3KiB (97% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/06/youtube-music-playback-bluedio-kylie-pixel-leather.jpg?itok=qBPF7d7j could save 108KiB (97% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/01/adb-commands.jpg?itok=kqnyg-QY could save 100KiB (97% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/06/lloyd-reading.jpg?itok=ARhpEubu could save 97.1KiB (98% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/05/occulusgo-loadmovies-a1.jpg?itok=4DtLZKAg could save 92.1KiB (97% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/sbode-portable-bluetooth-speaker-hero-teal-just-one-day-focus-depth.jpg?itok=nHvGwFvV could save 88.4KiB (97% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/5g-phone-motorola.jpg?itok=PLTddLfS could save 84.6KiB (96% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/07/twitter-bookmarks-hero.jpg?itok=fvzyn4Ap could save 79.3KiB (97% reduction).

Mobile

- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2017/10/libratone-made-for-google-headphones-pixel-2.jpg?itok=moSpLCyr could save 77.6KiB (97% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/livall-bh60-russell.jpg?itok=XRqEbBif could save 64.2KiB (96% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/back_to_school_gift_guide-2018_0.jpg?itok=DEzQxDju could save 64.1KiB (97% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/android-p-adaptive-brightness-pixel-2.jpg?itok=jX7DN1HH could save 63.6KiB (96% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/05/android-p-beta-adaptive-battery_0.jpg?itok=qg-ucsnH could save 62.2KiB (96% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/01/daydream-view-2017-pixel-2-xl.jpg?itok=mQTawsXN could save 61.7KiB (97% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/07/nes-snes-classic-edition-consoles.jpg?itok=h4WbapjK could save 61.5KiB (96% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/android-fortnite.jpg?itok=luZpH-vR could save 58.1KiB (95% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/oontz-speaker-25j9.jpg?itok=E_eWoQdl could save 57.5KiB (97% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/holedown-new-game-hero.jpg?itok=3ptpJDcD could save 57.4KiB (96% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2017/03/galaxy-tab-s33828.jpg?itok=mcpQhQQn could save 56.4KiB (96% reduction).
- Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/field/image/2018/08/mona-08-04-18-3upr.jpg?itok=eRle9jnA> could save 54.4KiB (95% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/06/moto-z3-play-hands-on-4.jpg?itok=aXHAejE8 could save 50.4KiB (96% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/01/google-pixel-2-xl-google-assistant-voice.jpg?itok=yIwpBnxV could save 48.2KiB (96% reduction).

Mobile

- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/uidai.jpg?itok=jjXgJwSk could save 43.2KiB (95% reduction).
- Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/field/image/2018/08/protonvpn-screenshot-sc-connected-3-1gyh.jpg?itok=jTTAsnUy> could save 42.2KiB (96% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/galaxy-note-9-promo-still.jpg?itok=p8l00_bj could save 31.2KiB (94% reduction).
- Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/tp-link-deco-m5-8z8-8z8.jpg?itok=UnTvF-o4> could save 20.2KiB (95% reduction).
- Compressing <https://tpc.googlesyndication.com/simgad/8295057529629845145> could save 3.9KiB (44% reduction).



Consider Fixing:

Enable compression

Compressing resources with gzip or deflate can reduce the number of bytes sent over the network.

[Enable compression](#) for the following resources to reduce their transfer size by 21.1KiB (65% reduction).

- Compressing <https://tags.bkrtx.com/js/bk-coretag.js?referer=> could save 20.5KiB (66% reduction).
- Compressing <http://ps.eyeaota.net/pixel/bounce/?pid=1mpv4m0&t=ajs&sid=androidcentral> could save 455B (43% reduction).
- Compressing <https://srv-2018-08-04-22.config.parse.ly.com/config/androidcentral.com> could save 113B (29% reduction).

Minify HTML

Compacting HTML code, including any inline JavaScript and CSS contained in it, can save many

Mobile

bytes of data and speed up download and parse times.

[Minify HTML](#) for the following resources to reduce their size by 389B (27% reduction).

- Minifying <https://www.lightboxcdn.com/lclst/2a574849-a046-4422-b95b-66298772576e/ls.html?url=https%3A%2F%2Fm.androidcentral.com%2F&vid=2a574849-a046-4422-b95b-66298772576e&se=0&prev=0&cb=636674917683590073> could save 389B (27% reduction) after compression.

Minify JavaScript

Compacting JavaScript code can save many bytes of data and speed up downloading, parsing, and execution time.

[Minify JavaScript](#) for the following resources to reduce their size by 9.9KiB (20% reduction).

- Minifying https://pixel.adsafeprotected.com/jload?anId=923193&campId=300x250&pubId=28442089&chanId=216789769&placementId=4727219450&pubCreative=138239399412&pubOrder=2344267878&cb=590340566&adsafe_par&implId=c0ac7219-9837-11e8-9b1e-70106fb524e0&custom=p32&custom2=homepage could save 2.3KiB (21% reduction) after compression.
- Minifying https://pixel.adsafeprotected.com/jload?anId=923193&campId=300x250&pubId=14482609&chanId=216790849&placementId=418049449&pubCreative=91187020609&pubOrder=277541449&cb=479460428&adsafe_par&implId=c0ac721a-9837-11e8-9b1e-70106fb524e0&custom=p32&custom2=homepage could save 2.3KiB (21% reduction) after compression.
- Minifying https://pixel.adsafeprotected.com/jload?anId=923193&campId=320x50&pubId=14482609&chanId=216803329&placementId=418049569&pubCreative=91187020849&pubOrder=277541449&cb=714754712&adsafe_par&implId=c0ac721e-9837-11e8-9b1e-70106fb524e0&custom=p32&custom2=homepage could save 2.3KiB (21% reduction) after compression.
- Minifying https://pixel.adsafeprotected.com/jload?anId=923193&campId=320x50&pubId=14544169&chanId=21684185448&placementId=4748804157&pubCreative=138240305728&pubOrder=2358119477&cb=932786658&adsafe_par&implId=c0ac721d-9837-11e8-9b1e-70106fb524e0&custom=p32&custom2=homepage could save 2.3KiB (21% reduction) after compression.
- Minifying https://ads.celtra.com/f061e1bf/web.js?&clickUrl=https%3A%2F%2Fadclick.g.doubleclick.net%2Fpchs%2Fclick%3Fxi%3DAKAOjstxUB9D0fs6w3k3j9vTx_yhXu7UmXKk7CO_JBw3P8XyQ6N0AqQektjX63kiV9R3Pw-eVTtPgPhhBRpnwIAA8598MT8DccSCbalKTbflZizlJdC_tU15dtBqB4RbbHHaOND5FPNeBe09ka-avZMy0Au7hn7aqKRKJGLGhSEhMzKNSiOGaGgJjm6Jw5n-MZe_vLlbelLgrCIFXjt9NHB0HSlexlk8mcmuUbcNSx2kwbigF0v8MbwcFbNiV5m1hnRoLHPYIEZDL2UhXVB_u0iV0uEil2OFI0V8eyvu8%26sai%3DAMfl-YTlgOAKmi3-xtEVHQFMeojeYypXYEeCQMLERII

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0-VftwFk7AGcgOvb9qxiS3IcjqAF7n6BWtAVvTUE2HmFE5A7zVKDa7W9jRtxyasb34FaaiUG3vAjdllAbG1k%26sig%3DCg0ArKJSzGDbfXB2_-xfEAE%26urlfix%3D1%26adurl%3D&expandDirection=undefined&preferredClickThroughWindow=new&textColor=%23FFFFFF&barColor=%23000000&advertisementMessage=Advertisement&scrollMessage=Scroll%20to%20continue%20with%20content&useFullWidth=1&clickEvent=advertiser&iosAdvId=&androidAdvId=&externalAdServer=DFPPremium&tagVersion=6&externalCreativId=138239399412&externalPlacementId=216789769&externalSiteId=9519049&externalSiteName=androidcentral.com&externalLineItemId=4727219450&externalCampaignId=2344267878&scriptId=celtra-script-1&clientTimestamp=1533422584.875&clientTimeZoneOffsetInMinutes=420&hostPageLoadId=14881141134537756 could save 530B (14% reduction) after compression.



2 Passed Rules

Minify CSS

Your CSS is minified. Learn more about [minifying CSS](#).

Prioritize visible content

You have the above-the-fold content properly prioritized. Learn more about [prioritizing visible content](#).

99 / 100 User Experience



Consider Fixing:

Size tap targets appropriately

Some of the links/buttons on your webpage may be too small for a user to easily tap on a touchscreen. Consider [making these tap targets larger](#) to provide a better user experience.

The following tap targets are close to other nearby tap targets and may need additional spacing around them.

- The tap target `<button type="submit" class="block-topic__submit">Search</button>` is close to 1 other tap targets final.

Mobile

- The tap target `Privacy Policy` and 5 others are close to other tap targets.
- The tap target `Close` is close to 1 other tap targets final.



4 Passed Rules

Avoid plugins

Your page does not appear to use plugins, which would prevent content from being usable on many platforms. Learn more about the importance of [avoiding plugins](#).

Configure the viewport

Your page specifies a viewport matching the device's size, which allows it to render properly on all devices. Learn more about [configuring viewports](#).

Size content to viewport

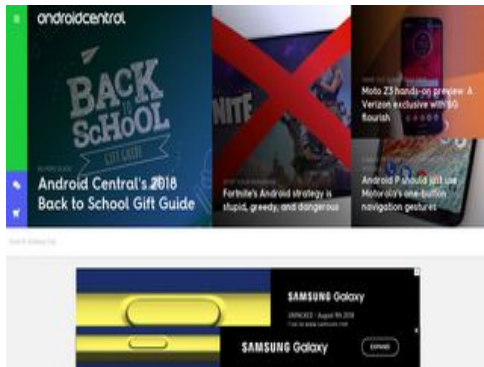
The contents of your page fit within the viewport. Learn more about [sizing content to the viewport](#).

Use legible font sizes

The text on your page is legible. Learn more about [using legible font sizes](#).

Desktop

Desktop



31 / 100 Speed

! Should Fix:

Eliminate render-blocking JavaScript and CSS in above-the-fold content

Your page has 9 blocking script resources and 6 blocking CSS resources. This causes a delay in rendering your page.

None of the above-the-fold content on your page could be rendered without waiting for the following resources to load. Try to defer or asynchronously load blocking resources, or inline the critical portions of those resources directly in the HTML.

[Remove render-blocking JavaScript:](#)

- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_js/js__yYfckzD6I-hIS2fSrkgdOuhRGy6qJ9mCP9zsuSfPmA__talCaqG1HXIxJHCQFMFATq82oDC8GO-NeuD3Vn1hliA__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.js
- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_js/js__DdVFS98VpRtlGGEcQNG0hoBz3IVJ_9_cUHyqcB4ePOE__YAGtdeA_GdhWuSMNcofoG-QaLljOjdXCAhjjV15o3yc__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.js
- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_js/js__aDiV5M2yTOVEux4-AWBioEL-5rAegRIOZX2LruBBu6o__HIUY33DiuCV0cP_AH5gY6GJXwbcqjqc2WbUomoq11sM__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.js
- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_js/js__XtkK5Cb8BZxIDJldA3NdtN7G_81D7PKckk54HCZvtiA__0UwW45_zKgsbvJqfhu9oDCho7xAo4MNAfcf5QNIIdsws__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.js
- <https://cdnjs.cloudflare.com/ajax/libs/fancybox/3.1.25/jquery.fancybox.min.js>
- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_js/js__X1-DMLUXcNuYNJ8Z5e2Xd2a1gCScK6RdK1JBMZrWC8s__4YILLr7tX-S4fQI9VyfZtzpjmWQ81XILWd5DxdLBWj0__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.js

Desktop

- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_js/js_kEscKj8kQAkmRx4D3CM3uBnu_-llnoKfyp_-si7vzHI__4RACSFC4pzig2VCnKmcjEslgzEz7SH2dpieMocGZQf-0__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.js
- <https://passport.mobilenations.com/js/cluetip/jquery.cluetip.min.js?v360>
- <https://passport.mobilenations.com/content/topbar/nationsbar.js?v=4360>

[Optimize CSS Delivery](#) of the following:

- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_css/css_FIYoQA7vFEcQv9dwiNBEv2qRlFpQ22RZ3_hSi29jqwQ__VBo47K4sRa2MMUA9821G1IkR3zKGtW2P30Nb9BGtEwM__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.css
- <https://cdnjs.cloudflare.com/ajax/libs/fancybox/3.1.25/jquery.fancybox.min.css>
- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_css/css_Ky7jlzKep3CAH9r_PzEs6gLI13uf2pcWpnxjmycbu18__qvrGmLAIZb2hcV5645cU1VuUfObZwMVN6VugkBCPWY__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.css
- https://www.androidcentral.com/sites/androidcentral.com/files/advagg_css/css_emDGL7ELG26TbATw8aEDLbN8OgFOe5nAftOjEDSOdic__2F8raJe7tXJ3ilJyU4UGTzxyqb2__rF_HsrCereMH5U__8t_iHxFWpe2QVdHL3PL0GWIPBoCHR5-DrD6o-uUOv9k.css
- <https://passport.mobilenations.com/cache/css/nationsbar.css?v360>
- <https://passport.mobilenations.com/js/cluetip/jquery.cluetip.css?v360>

Optimize images

Properly formatting and compressing images can save many bytes of data.

[Optimize the following images](#) to reduce their size by 2MiB (73% reduction).

- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/bluetooth-fm-transmitters-9edr.png?itok=b4a_8OYi could save 151.5KiB (69% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/acer-chromebook-tab-10-hero-face.jpg?itok=TsjhGxJ1 could save 94KiB (78% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/03/galaxy-s9-plus-review-7.jpg?itok=dXyjHtVx could save 92.5KiB (81% reduction).
- Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/style>

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- es/w800h450crop/public/article_images/2018/03/fortnite-androidcentral-screen.jpg?itok=AQzyMsHH could save 91.1KiB (78% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/06/youtube-music-playback-bluedio-kylie-pixel-leather.jpg?itok=qBPF7d7j could save 87.5KiB (79% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/06/lloyd-reading.jpg?itok=ARhpEubu could save 78.2KiB (79% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/05/occulusgo-loadmovies-a1.jpg?itok=4DtLZKAg could save 72.4KiB (76% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/sbode-portable-bluetooth-speaker-hero-teal-just-one-day-focus-depth.jpg?itok=nHvGwFvV could save 70.4KiB (78% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/5g-phone-motorola.jpg?itok=PLTddLfS could save 65.1KiB (74% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/07/twitter-bookmarks-hero.jpg?itok=fvzyn4Ap could save 63KiB (77% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/moto-z3-hands-on-6.jpg?itok=V0G3vOsW could save 61.9KiB (82% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2017/10/libratone-made-for-google-headphones-pixel-2.jpg?itok=moSpLCyr could save 61.2KiB (76% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/03/fortnite-hero%20-%20edited.jpg?itok=dEqQSzA could save 59.3KiB (73% reduction).
 - Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/field/image/2017/10/sonos-one-review-7-1680x.jpg?itok=N7hruZ4G> could save 56KiB (78% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/01/daydream-view-2017-pixel-2-xl.jpg?itok=mQTawsXN could save 50.8KiB (79% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/livall-bh60-russell.jpg?itok=XRqEbBif could save 50.4KiB (75% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/back_to_school_gift_guide-2018_0.jpg?itok=DEzQxDju could save 49.6KiB (75% reduction).
 - Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/styl>

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- es/w800h450crop/public/article_images/2018/04/galaxy-s9-plus-alcantara-case-8.jpg?itok=f5YnsZP- could save 49.3KiB (80% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/moto-z3-hands-on-1.jpg?itok=LX68dtTg could save 48.9KiB (74% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/05/android-p-beta-adaptive-battery_0.jpg?itok=qg-ucsnH could save 48.7KiB (75% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2017/03/galaxy-tab-s33828.jpg?itok=mcpQhQQn could save 44.4KiB (75% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/android-fortnite.jpg?itok=luZpH-vR could save 43.7KiB (71% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/holedown-new-game-hero.jpg?itok=3ptpJDCd could save 43.7KiB (73% reduction).
 - Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/dex-experience-5fp3.jpg?itok=8n2ylwKY> could save 42.4KiB (83% reduction).
 - Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/styles/w200h150crop/public/springsteen-p4co.png?itok=uHfc-AST> could save 42.2KiB (75% reduction).
 - Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/field/image/2018/08/mona-08-04-18-3upr.jpg?itok=eRle9jnA> could save 41.6KiB (73% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/moto-z3-hands-on-7.jpg?itok=XYodXQWq could save 40.7KiB (79% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/06/moto-z3-play-hands-on-4.jpg?itok=aXHAejE8 could save 38.9KiB (74% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/01/google-pixel-2-xl-google-assistant-voice.jpg?itok=yIwpBnxV could save 37.4KiB (74% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/uidai.jpg?itok=jjXgJwSk could save 33.7KiB (74% reduction).
 - Compressing <https://tpc.googlesyndication.com/simgad/3510742515841317990> could save 33.4KiB (64% reduction).
 - Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/field/image/2018/08/protonvpn-screenshot-sc->

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- connected-3-1gyh.jpg?itok=jTTAsnUy could save 32.9KiB (75% reduction).
- Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/08/galaxy-note-9-promo-still.jpg?itok=p8l00_bj could save 22.5KiB (68% reduction).
 - Compressing <https://tpc.googlesyndication.com/simgad/6340645067878716409> could save 19.9KiB (59% reduction).
 - Compressing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w800h450crop/public/article_images/2018/06/moto-z3-play-hands-on-24.jpg?itok=Qd9FwoJa could save 13.8KiB (14% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w200h150crop/public/article_images/2018/01/adb-commands.jpg?itok=PZh9eOuQ could save 10.1KiB (80% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w200h150crop/public/article_images/2018/07/nes-snes-classic-edition-consoles.jpg?itok=Alr9evor could save 9.9KiB (80% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w200h150crop/public/article_images/2018/06/lg-g7-review-22.jpg?itok=HplvQX3e could save 8.3KiB (79% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w200h150crop/public/article_images/2018/08/android-p-adaptive-brightness-pixel-2.jpg?itok=hl8UJCUp could save 7.1KiB (77% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w200h150crop/public/article_images/2018/07/samsung-dex-usb-hub.jpg?itok=5bBoxj1G could save 6.2KiB (77% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w200h150crop/public/article_images/2018/04/moto-e6-series-26.jpg?itok=-EPnHsdj could save 6KiB (74% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w200h150crop/public/article_images/2018/07/moto-e5-play-26.jpg?itok=bSf6EcMb could save 5.3KiB (73% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w200h150crop/public/article_images/2018/07/how-to-master-android-p-gestures-pixel-2-1.jpg?itok=QJl5Qs1 could save 5.3KiB (76% reduction).
 - Compressing <https://tpc.googlesyndication.com/pagead/imgad?id=CICAgKCbtaGOqwEQARgBMgheR06q-9fyag> could save 5.2KiB (36% reduction).
 - Compressing and resizing https://www.androidcentral.com/sites/androidcentral.com/files/styles/w200h150crop/public/article_images/2018/03/samsung-galaxy-s9-plus-black-2.jpg?itok=ZoN3LdQp could save 4.1KiB (77% reduction).
 - Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/styles/w200h150crop/public/oontz-speaker-25j9.jpg?itok=Z0oymKsb> could save 3.2KiB (70% reduction).

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- Compressing and resizing <https://www.androidcentral.com/sites/androidcentral.com/files/styles/w200h150crop/public/tp-link-deco-m5-8z8-8z8.jpg?itok=y3DipFVL> could save 2.9KiB (76% reduction).



Consider Fixing:

Avoid landing page redirects

Your page has 2 redirects. Redirects introduce additional delays before the page can be loaded.

[Avoid landing page redirects](#) for the following chain of redirected URLs.

- <http://androidcentral.com/>
- <https://androidcentral.com/>
- <https://www.androidcentral.com/>

Enable compression

Compressing resources with gzip or deflate can reduce the number of bytes sent over the network.

[Enable compression](#) for the following resources to reduce their transfer size by 21.4KiB (65% reduction).

- Compressing <https://tags.bkrtx.com/js/bk-coretag.js?referer=> could save 20.5KiB (66% reduction).
- Compressing <http://ps.eyeaota.net/pixel/bounce/?pid=1mpv4m0&t=ajs&sid=androidcentral> could save 454B (43% reduction).
- Compressing https://www.youtube.com/iframe_api could save 366B (43% reduction).
- Compressing <https://srv-2018-08-04-22.config.parse.ly.com/config/androidcentral.com> could save 115B (30% reduction).

Leverage browser caching

Setting an expiry date or a maximum age in the HTTP headers for static resources instructs the browser to load previously downloaded resources from local disk rather than over the network.

[Leverage browser caching](#) for the following cacheable resources:

- https://www.lightboxcdn.com/vendor/2a574849-a046-4422-b95b-66298772576e/lightbox_inline.js (expiration not specified)
- <https://collector.cint.com/identity?a=5461&id=Lotame:69c7746244a9a6f8f944c74b624dff11> (60 seconds)
- <https://ads.servebom.com/tmnhead.js> (10 minutes)
- <https://syndication.twitter.com/settings> (10 minutes)
- <https://www.google-analytics.com/gtm/js?id=GTM-MR57J3M&cid=1296991531.1533422598> (15 minutes)
- <https://www.googletagmanager.com/gtm.js?id=GTM-N9VHS7> (15 minutes)
- <https://www.googletagservices.com/tag/js/gpt.js> (15 minutes)
- https://connect.facebook.net/en_US/sdk.js (20 minutes)
- <https://platform.twitter.com/widgets.js> (30 minutes)
- <https://securepubads.g.doubleclick.net/static/glade.js> (30 minutes)
- <https://cdn.perfdrive.com/aperture/spectrum.js> (60 minutes)
- <https://pagead2.googlesyndication.com/pagead/js/rum.js> (60 minutes)
- <https://pagead2.googlesyndication.com/pagead/osd.js> (60 minutes)
- https://pagead2.googlesyndication.com/pagead/show_ads.js (60 minutes)
- <https://www.google-analytics.com/plugins/ua/linkid.js> (60 minutes)
- <https://js-agent.newrelic.com/nr-1071.min.js> (2 hours)
- <https://www.google-analytics.com/analytics.js> (2 hours)
- <https://secure-assets.rubiconproject.com/utills/xapi/multi-sync.js> (3.3 hours)
- <https://c2.taboola.com/nr/mobilenations1-andriodcentral/newsroom.js> (4 hours)

Minify HTML

Compacting HTML code, including any inline JavaScript and CSS contained in it, can save many bytes of data and speed up download and parse times.

[Minify HTML](#) for the following resources to reduce their size by 389B (27% reduction).

- Minifying <https://www.lightboxcdn.com/lclst/2a574849-a046-4422-b95b-66298772576e/ls.html?url=https%3A%2F%2Fwww.androidcentral.com%2F&vid=2a574849-a046-4422-b95b-66298772576e&se=0&prev=0&cb=636674917683590073> could save 389B (27% reduction) after compression.

Minify JavaScript

Compacting JavaScript code can save many bytes of data and speed up downloading, parsing, and execution time.

[Minify JavaScript](#) for the following resources to reduce their size by 10.3KiB (20% reduction).

- Minifying https://pixel.adsafeprotected.com/jload?anId=923193&campId=300x600&pubId=14544169&chanId=216793009&placementId=4748804154&pubCreative=138240167460&pubOrder=2358119477&cb=689685576&adsafe_par&implId=c89374c0-9837-11e8-9d23-382c4ac730ab&custom=p32&custom2=homepage could save 2.3KiB (21% reduction) after compression.
- Minifying https://pixel.adsafeprotected.com/jload?anId=923193&campId=300x250&pubId=14482609&chanId=216789769&placementId=418047889&pubCreative=91187017249&pubOrder=277541209&cb=1576249779&adsafe_par&implId=c89374c1-9837-11e8-9d23-382c4ac730ab&custom=p32&custom2=homepage could save 2.3KiB (21% reduction) after compression.
- Minifying https://pixel.adsafeprotected.com/jload?anId=923193&campId=728x90&pubId=14482609&chanId=216798529&placementId=418047769&pubCreative=91187016529&pubOrder=277541209&cb=671783067&adsafe_par&implId=c89374c6-9837-11e8-9d23-382c4ac730ab&custom=p32&custom2=homepage could save 2.3KiB (21% reduction) after compression.
- Minifying https://pixel.adsafeprotected.com/jload?anId=923193&campId=970x250&pubId=14544169&chanId=216790729&placementId=4748804154&pubCreative=138240185900&pubOrder=2358119477&cb=1359547550&adsafe_par&implId=c89374be-9837-11e8-9d23-382c4ac730ab&custom=p32&custom2=homepage could save 2.3KiB (21% reduction) after compression.

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compression.

- Minifying <https://assets.purch.com/ramp/prod/assets/jwplayer/JWPlayer.js?v=1.11.5&t=123> could save 989B (18% reduction) after compression.



3 Passed Rules

Reduce server response time

Your server responded quickly. Learn more about [server response time optimization](#).

Minify CSS

Your CSS is minified. Learn more about [minifying CSS](#).

Prioritize visible content

You have the above-the-fold content properly prioritized. Learn more about [prioritizing visible content](#).