http://127.0.0.1:5500/index.html

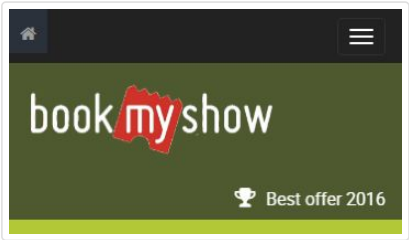| 63	66	83	78	PWA
Performance	Accessibility	Best Practices	SEO	PWA

There were issues affecting this run of Lighthouse:

- **Chrome extensions negatively affected this page's load performance. Try auditing the page in incognito mode or from a Chrome profile without extensions.**

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Performance

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

▲ 0–49   50–89   90–100

METRICS

Expand view

▲ First Contentful Paint	Time to Interactive
3.6 s	**5.0 s**
Speed Index	Total Blocking Time
3.6 s	**410 ms**
▲ Largest Contentful Paint	Cumulative Layout Shift
4.6 s	**0.011**

View Original Trace   View Treemap

Show audits relevant to: All   FCP   TBT   LCP   CLS

OPPORTUNITIES

Opportunity	Estimated Savings
▲ Serve images in next-gen formats	22.5 s ⌄

Warnings:

- Unable to decode /images/img6a.jpg
- Unable to locate resource /resources/icon_big.png
- Unable to locate resource /images/bg.jpg

▲ Efficiently encode images   16.8 s ⌄

    Warnings:

- Unable to decode /images/img6a.jpg
- Unable to locate resource /images/bg.jpg

▲ Eliminate render-blocking resources   2.5 s ⌄

▲ Enable text compression   2.1 s ⌄

▲ Reduce unused CSS   1.14 s ⌄

▲ Reduce unused JavaScript   1.04 s ⌄

   Properly size images   0.75 s ⌄

   Minify CSS   0.15 s ⌄

These suggestions can help your page load faster. They don't directly affect the Performance score.

DIAGNOSTICS

▲ Ensure text remains visible during webfont load   ⌄

▲ Image elements do not have explicit `width` and `height`   ⌄

▲ Avoid enormous network payloads — Total size was 7,732 KiB   ⌄

▲ Minimize main-thread work — 6.9 s   ⌄

○ Avoid chaining critical requests — 7 chains found   ⌄

○ Keep request counts low and transfer sizes small — 60 requests • 7,732 KiB   ⌄

○ Largest Contentful Paint element — 1 element found   ⌄

○ Avoid large layout shifts — 4 elements found   ⌄

○ Avoid long main-thread tasks — 19 long tasks found   ⌄

More information about the performance of your application. These numbers don't directly affect the Performance score.

PASSED AUDITS (23)   Show

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Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

NAMES AND LABELS

⚠ Buttons do not have an accessible name   ⌄

⚠ Image elements do not have `[alt]` attributes   ⌄

⚠ Links do not have a discernible name   ⌄

These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

CONTRAST

⚠ Background and foreground colors do not have a sufficient contrast ratio.   ⌄

These are opportunities to improve the legibility of your content.

NAVIGATION

⚠ Heading elements are not in a sequentially-descending order   ⌄

These are opportunities to improve keyboard navigation in your application.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)   Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

PASSED AUDITS (11)   Show

NOT APPLICABLE (28)   Show

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Best Practices

USER EXPERIENCE

⚠ Displays images with incorrect aspect ratio   ⌄

⚠ Serves images with low resolution   ⌄

TRUST AND SAFETY

○ Ensure CSP is effective against XSS attacks   ⌄

GENERAL

| ○ | Detected JavaScript libraries | ⌄ |

PASSED AUDITS (11)   Show

NOT APPLICABLE (1)   Show

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SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on [Core Web Vitals](). [Learn more]().

CONTENT BEST PRACTICES

| ▲ | Document does not have a meta description Description text is empty. | ⌄ |
| ▲ | Image elements do not have `[alt]` attributes | ⌄ |

Format your HTML in a way that enables crawlers to better understand your app's content.

MOBILE FRIENDLY

| ▲ | Tap targets are not sized appropriately — 39% appropriately sized tap targets | ⌄ |

Make sure your pages are mobile friendly so users don't have to pinch or zoom in order to read the content pages. [Learn more]().

ADDITIONAL ITEMS TO MANUALLY CHECK (1)   Show

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (9)   Show

NOT APPLICABLE (2)   Show

PWA

PWA

These checks validate the aspects of a Progressive Web App. [Learn more]().

INSTALLABLE

| ▲ | Web app manifest or service worker do not meet the installability requirements — 1 reason | ⌄ |

PWA OPTIMIZED

▲ Does not register a service worker that controls page and `start_url` ⌄

▲ Is not configured for a custom splash screen Failures: No manifest was fetched. ⌄

▲ Does not set a theme color for the address bar.
 Failures: No manifest was fetched, No `<meta name="theme-color">` tag found. ⌄

Content is sized correctly for the viewport ⌄

Has a `<meta name="viewport">` tag with `width` or `initial-scale` ⌄

▲ Does not provide a valid `apple-touch-icon` ⌄

▲ Manifest doesn't have a maskable icon No manifest was fetched ⌄

ADDITIONAL ITEMS TO MANUALLY CHECK (3) Show

These checks are required by the baseline PWA Checklist but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

Captured at Apr 28, 2023, 8:09 AM GMT+5:30 Initial page load	Emulated Moto G4 with Lighthouse 9.6.8 Slow 4G throttling	Single page load Using Chromium 109.0.0.0 with devtools

Generated by **Lighthouse** 9.6.8 | File an issue