

Font Optimization

Since version **10.2**, Next.js has built-in web font optimization.

By default, Next.js will automatically inline font CSS at build time, eliminating an extra round trip to fetch font declarations. This results in improvements to [First Contentful Paint \(FCP\)](#) and [Largest Contentful Paint \(LCP\)](#). For example:

```
// Before
<link
  href="https://fonts.googleapis.com/css2?family=Inter&display=optional"
  rel="stylesheet"
/>

// After
<style data-href="https://fonts.googleapis.com/css2?family=Inter&display=optional">
  @font-face{font-family:'Inter';font-style:normal...
</style>
```

Usage

To add a web font to your Next.js application, add the font to a [Custom Document](#).

```
// pages/_document.js

import Document, { Html, Head, Main, NextScript } from 'next/document'

class MyDocument extends Document {
  render() {
    return (
      <Html>
        <Head>
          <link
            href="https://fonts.googleapis.com/css2?family=Inter&display=optional"
            rel="stylesheet"
          />
        </Head>
        <body>
          <Main />
          <NextScript />
        </body>
      </Html>
    )
  }
}

export default MyDocument
```

Note that we don't recommend adding fonts with `next/head`, as this only applies the font to the particular page and won't work with a streaming architecture.

Automatic Webfont Optimization currently supports Google Fonts and Typekit with support for other font providers coming soon. We're also planning to add control over [loading strategies](#) and `font-display` values.

See [Google Font Display](#) for more information.

Note: Font Optimization does not currently support self-hosted fonts.

Disabling Optimization

If you do not want Next.js to optimize your fonts, you can opt-out.

```
// next.config.js

module.exports = {
  optimizeFonts: false,
}
```

Related

For more information on what to do next, we recommend the following sections:

[Custom Document](#) Learn how to augment your application's html and body tags.