

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.