

This guide covers how to add fonts from web services to your Gatsby site.

Prerequisites

This guide uses the Gatsby [default starter](#).

Adding web fonts

Some examples of web font services include [Google Fonts](#) and [Typekit Web Fonts](#).

gatsby-plugin-web-font-loader

`gatsby-plugin-web-font-loader` is a Gatsby plugin which makes it easy to add web fonts using the popular [Web Font Loader](#) library. It supports loading fonts from Google Fonts, Typekit, Fonts.com, and Fontdeck, as well as self-hosted web fonts.

How to use Web Font Loader with Typekit

You can add Typekit Web Fonts to your project by using the [gatsby-plugin-web-font-loader](#) and your [Adobe Fonts project id](#). For example, this is how you can add Futura to your project.

First, install the Gatsby plugin with npm:

```
npm install --save gatsby-plugin-web-font-loader
```

Or with yarn:

```
yarn add gatsby-plugin-web-font-loader
```

Then, create an [environment variable](#) to store your Adobe Fonts project ID. (Make sure this file is in your `.gitignore` file so your ID doesn't get committed!) For example, if your Adobe Fonts project ID is `abcdefg`, your `.env` file will look like this:

```
TYPEKIT_ID=abcdefg
```

Now you can add the `gatsby-plugin-web-font-loader` plugin to your `gatsby-config.js` file, located in your root directory. In your plugin configuration, pass in the environment variable you created.

```
require("dotenv").config()

module.exports = {
  plugins: [
    {
      resolve: "gatsby-plugin-web-font-loader",
      options: {
        typekit: {
          id: process.env.TYPEKIT_ID,
        },
      },
    },
  ],
}
```

```
  },  
}
```

Next, add the typeface name to the appropriate `font-family` value in your CSS.

```
body {  
  color: hsla(0, 0%, 0%, 0.8);  
  // highlight-next-line  
  font-family: "Futura", georgia, serif;  
  font-weight: normal;  
  word-wrap: break-word;  
  font-kerning: normal;  
}
```

Self-host Google Fonts with Fontsource

[Fontsource](#) is a project to provide open source fonts from Google Fonts as NPM Packages.

You can decrease your site's loading time by self-hosting fonts, saving ~300 milliseconds on desktop to 1+ seconds on 3G connections.

This example shows how to install the [Open Sans](#) font. If you have a different Google Font you want to use, you can find the corresponding package in [NPM](#) or the [packages directory in the Fontsource repository](#).

1. Run `npm install @fontsource/open-sans` to install the necessary package files.
2. Then within your app entry file or site component, import the font package. It is recommended you import in your site's gatsby-browser.js file.

```
import "@fontsource/open-sans" // Defaults to weight 400 with all styles included.
```

If you wish to select a particular weight or style, you may specify it by changing the import path.

```
import "@fontsource/open-sans/500.css" // Weight 500 with all styles included.  
import "@fontsource/open-sans/900-normal.css" // Select either normal or italic.
```

Note: The weights and styles a font includes is shown in each package's README file.

3. Once it's imported, you can reference the font name in a CSS stylesheet, CSS Module, or CSS-in-JS.

```
body {  
  font-family: "Open Sans";  
}
```

Other resources

- Check out the [Using Google Fonts](#) Gatsby recipe.
- Here's a great article on why it's important to [keep your environment variables secret](#).