If you ever need to embed custom fonts in your website, this bit of CSS will accomplish the task. Follow the steps below to embed custom fonts in your website.

**Using TrueType Fonts From Your Server**

1. Use [this font conversion tool](http://www.kirsle.net/wizards/ttf2eot.cgi) (<https://www.kirsle.net/wizards/ttf2eot.cgi>) to convert your *TrueType* font from *.ttf* format to *OpenType*, *.eot* format. Both file types are needed. The *.eot* format is necessary for Internet Explorer while other browsers will use *.ttf* format.
2. Save or upload the *.eot* and the *.ttf* files to your web server. A directory named “fonts” would be a good place to store the font files.
3. Create three new CSS files. For this example, I will name the three CSS files *style.css*, *fonts.css*, and *ie-fonts.css*. *ie-fonts.css* is for Internet Explorer, *fonts.css* is for the remaining browsers, and *style.css* is for the remaining CSS settings for the webpage.
4. In *ie-fonts.css*, the font-face source will be the *.eot* type files. Insert the following example code into *ie-fonts.css*, adding your *.eot* file as the source (src).

|  |  |
| --- | --- |
| 1 | @font-face { |
| 2 | font-family: MyCustomFont; | |

|  |  |  |
| --- | --- | --- |
| 3 | src: url('fonts/my-custom-font.eot'); /\* Edit this line \*/ | |
| 4 | } |

1. You may add as many custom *.eot* type fonts as you wish.
2. In *fonts.css*, the font-face source will be the *.ttf* file. Insert the following code into *fonts.css*, adding your *.ttf* file as the source (src).

|  |  |
| --- | --- |
| 1 | @font-face { |
| 2 | font-family: MyCustomFont; | |

|  |  |  |
| --- | --- | --- |
| 3 | src: url('fonts/my-custom-font.ttf'); /\* Edit this line \*/ | |
| 4 | } |

1. You may add as many custom *.ttf* type fonts as you wish.
2. While using multiple custom fonts, the font-family name for each custom font must be unique. In the below example, there are three different custom fonts, each with a unique font-family name.

|  |  |
| --- | --- |
| 01 | @font-face { |
| 02 | font-family: MyFirstCustomFont; /\* Edit this line \*/ | |

|  |  |  |
| --- | --- | --- |
| 03 | src: url('fonts/my-first-custom-font.ttf'); /\* Edit this line \*/ | |
| 04 | } |

|  |  |
| --- | --- |
| 05 |  |
| 06 | @font-face { | |

|  |  |
| --- | --- |
| 07 | font-family: MySecondCustomFont; /\* Edit this line \*/ |
| 08 | src: url('fonts/my-second-custom-font.ttf'); /\* Edit this line \*/ | |

|  |  |  |
| --- | --- | --- |
| 09 | } | |
| 10 |  |

|  |  |
| --- | --- |
| 11 | @font-face { |
| 12 | font-family: MyThirdCustomFont; /\* Edit this line \*/ | |

|  |  |  |
| --- | --- | --- |
| 13 | src: url('fonts/my-third-custom-font.ttf'); /\* Edit this line \*/ | |
| 14 | } |

1. In *style.css*, use the custom font(s) in your style definitions as in the following example. Notice how the font-family name is used from your custom font(s).

|  |  |
| --- | --- |
| 01 | p{ |
| 02 | font-family: 'MyFirstCustomFont', Arial, Helvetica, sans-serif; | |

|  |  |  |
| --- | --- | --- |
| 03 | } | |
| 04 |  |

|  |  |
| --- | --- |
| 05 | h1, h2, h3, h4, h5, h6{ |
| 06 | font: 100% 'MySecondCustomFont', Arial, Helvetica, sans-serif; | |

|  |  |  |
| --- | --- | --- |
| 07 | } | |
| 08 |  |

|  |  |
| --- | --- |
| 09 | a{ |
| 10 | font-family: 'MyThirdCustomFont', Arial, Helvetica, sans-serif; | |

|  |  |
| --- | --- |
| 11 | } |

2. Include all three files before the *</head>* tag in your webpage. Be sure to include all three files in the same order as in the following example.

|  |  |  |
| --- | --- | --- |
| 1 | <link rel="stylesheet" type="text/css" media="all" href="fonts.css" /> | |
| 2 | <!--[if IE]> |

|  |  |  |
| --- | --- | --- |
| 3 | <link rel="stylesheet" type="text/css" media="all" href="ie-fonts.css" /> | |
| 4 | <![endif]--> |

|  |  |
| --- | --- |
| 5 | <link rel="stylesheet" type="text/css" media="all" href="style.css" /> |

1. As seen in the above example, a conditional statement was added for Internet Explorer.

|  |  |
| --- | --- |
| 1 | <!--[if IE]> |
| 2 | <link rel="stylesheet" type="text/css" media="all" href="ie-fonts.css" /> | |

|  |  |
| --- | --- |
| 3 | <![endif]--> |

1. This conditional statement causes other browsers besides Internet Explorer to ignore *ie-fonts.css*. Only Internet Explorer will use *ie-fonts.css*.

**Using Google Web Fonts**

[Google Web Fonts](http://www.google.com/webfonts) offers website developers an alternative to using the method I previously described. [Google Web Fonts](http://www.google.com/webfonts) is a free font directory of web-safe fonts, which can be downloaded and used locally, or can be linked to remotely from Google’s servers.

It’s easy to embed Google fonts into your own webpage. Follow the steps below.

1. Go to [Google Web Fonts](http://www.google.com/webfonts) and select a font you like.
2. Press the "Quick-use" button for the font you selected.
3. Follow the steps which are outlined on the Quick-use page.