@font-face

**BROWSER SUPPORT**

The Web Open Font Format (WOFF) is supported by Mozilla Firefox 3.6+, Google Chrome 5+, Opera Presto, by Mac OS X Lion's Safari from release 5.1 and is supported by Internet Explorer 9 (Version 4 and higher can use web fonts in Embedded OpenType (EOT) format). WOFF2 is supported on Safari 10 on OS X Sierra, and all actual versions of Chrome, Firefox and Opera.

All OpenType features are supported according to this last browser versions, like Kerning (kern), Ligatures (liga/clig), Contextual Alternates (calt), Numerators (numr), Oldstyle Numerals (onum), Proportional Numbers (pnum), Tabular Numbers (tnum), Small Capitals (smcp), Case-Sensitive Forms (case) and finally Slashed Zero (zero).

**USING WEBFONTS WITH CASCADING STYLE SHEETS (CSS)**

Upload the font files to your web server. You need the files EOT, WOFF and WOFF2 for each font style you want to use in your site. Use the CSS code example below to address your webfonts. Replace the example font file URL with its appropriate path on your server.

```
@font-face {
  font-family: 'FontName';
    src: url('/fonts/fontname-webfont.eot');
    src: local('‚òſ'), url('/fonts/fontname-webfont.woff2') format('woff2'),
    url('/fonts/fontname-webfont.woff') format('woff');
    font-weight: normal;
    font-style: normal;
}
```

You can then reference your font family by the name you gave it in CSS font stacks as you would any other font.

**CONTROLLING KERNING AND LIGATURES VIA CSS**

You can use the non-standard CSS property text-rendering to control the usage of kerning and ligatures in Firefox (version 3+). It can take these four values:
• auto — The browser will make educated guesses about when to optimize for speed, legibility, and geometric precision when displaying text. Firefox currently uses optimizeLegibility if the font size is 20 pixels or larger, and optimizeSpeed for smaller fonts.
• optimizeSpeed — Rendering speed takes precedence over legibility and geometric precision. Kerning and standard ligatures are disabled.
• optimizeLegibility — Legibility takes precedence over rendering speed. Kerning and standard ligatures are enabled.
• geometricPrecision — Prefers geometric precision to rendering speed and legibility. Currently results are identical to optimizeLegibility in this setting. On Mac OS ®, Firefox ignores these settings and always uses optimizeLegibility.

.htccess

**BLOCKING HOTLINKING OF WEBFONT FILES**

When other websites are linking directly to your hosted webfont files (also called hotlinking), they are using your fonts, which they haven't licensed properly, and they are using your bandwidth, adding to your site's traffic costs. The Binnenland Webfont EULA (End User Licence Agreement) requires that you take reasonable measures against hotlinking and direct access to font files.
A reasonable measure is utilizing referrer checking in your web server.
Each request for your font files which doesn't come from inside your own site will be blocked after you add the rules below to your server configuration (the example is for Apache HTTP Server).
Let's say your website's address is www.example.com and you have uploaded the webfont files into a subdirectory called /fonts/. Make a new file named .htaccess inside this directory and paste these lines into it:

```
RewriteEngine On
RewriteCond %{HTTP_REFERER} !^http://(www\.)?example\.com/.*$ [NC]
RewriteRule \.(woff|ttf|eot)$ - [F,NC,L]
Options -Indexes
```

Replace example\.com by your own domain name. The dot must be preceded by a backslash. The regular expression (www\.)? means that both URLs with and without the 'www' prefix are valid for your site. Requests for all files ending in .woff .ttf or .eot with an external or empty referrer will now receive an HTTP error 403 ('forbidden'). The line Options -Indexes disables the file listing for the fonts directory.
If you get an HTTP error 500 ('internal server error') after editing the .htaccess file or if the file has no effect, your server probably does not allow changing configuration settings this way.

In case you can't or don't want to use an .htaccess file, you can put these lines directly into your Apache configuration. Please refer to the server documentation if you're not sure where to put them exactly.

If you are using Internet Information Server, you can convert the above configuration from Apache-style to IIS rewrite rules. See http://learn.iis.net/page.aspx/470/importapache-modrewrite-rules for details.
There are circumstances in which referrer information is not sent when it should be, e. g. if a website visitor uses certain ad-blocking plug-ins. In this rare case the above configuration will cause fallback fonts to be displayed instead of your specified webfonts.

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