

Font substitution 6.x

If a font or default font is declared in HTML or CSS, the font that is actually set is determined by:

Standard use

If called in HTML/CSS the font-family name is converted to an mPDF font-family name (see Font names) e.g.

```
<p style="font-family: 'Trebuchet MS'; font-weight: bold;">
```

The font requested (including style) is checked to see if it is available to mPDF: set by the array `$available_unifonts*`:

1. If the font[style] exists - selected e.g. `trebuchetms['B']`
2. If the font[nostyle] exists - selected e.g. `trebuchetms['R']`
3. Looks up the font-family in the three arrays `sans_fonts`, `serif_fonts`, and `mono_fonts` defined in `mpdf_config.php`, in this case looking for 'trebuchetms'. If found, substitutes a font of similar type (sans-serif, serif, or mono) - the first font in the `sans_fonts`, `serif_fonts`, or `mono_fonts` arrays is used.
4. If no font has yet been selected, the first font in the array `$available_unifonts*` is selected

* The array `$available_unifonts` is initially derived from `$this->fontdata` in the `config_fonts.php` file. (`trebuchetms['B']` will be converted to `'trebuchetmsB'`)

Core fonts

If core fonts only are specified by using `$mpdf = new mPDF('c')`, then all font requests will be substituted by Arial/Helvetica, Times or Courier i.e. the core PDF fonts. mPDF determines whether the requested font is a sans-serif, serif or monospace font (as above), and substitutes accordingly.

Character (font) substitution

If some circumstances, individual characters are replaced by glyphs from another font - see character (font) substitution.

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