

Variable fonts

One font file holds a whole design space. `font-weight`, `font-stretch` and `font-variation-settings` pick a location in it, and the outlines, advance widths and font-wide metrics all follow. Nothing is faked: the weight comes from the font's `wght` axis, not from thickening a regular face. In the PDF each location is embedded as an ordinary static font, because PDF cannot embed a variable one.

font-weight



font-weight: 100



font-weight: 400



font-weight: 700



font-weight: 900

font-stretch



font-stretch: semi-condensed (75%)



font-stretch: normal (100%)



font-stretch: semi-expanded (125%)

font-variation-settings

Any value on any axis, not only the ones the keywords reach, and it wins over `font-weight` and `font-stretch`:



'wght' 250



'wght' 650, 'width' 110



font-weight: 100 overridden by 'wght' 900