

# Default stylesheet

mPDF uses a default "stylesheet" for default settings of style and layout; this is in `config.php` as a variable `$defaultCSS`.

mPDF (  $\geq 2.2$  ) will load an optional file `mpdf.css` (located in the same directory as `mpdf.php`) which can be edited to change your default styles for PDF files.

**mPDF  $\geq 6.0$**  A new `mpdf.css` file includes defaults for Lists top/bottom margins, and also examples for Indexes and ToCs. This now acts like a normal CSS file, including cascading selectors i.e. not just main tags. This is always read (if present), so acts as a secondary default CSS, but one which allows selectors. Styles added to this act like a user stylesheet when considering precedence e.g. `cellSpacing` and `border-spacing`. (The following text describes behaviour prior to mPDF v6.0)

The file should be a valid CSS stylesheet, but will only support changing properties at element level i.e. `P`, `DIV`, `TABLE`, `TD` and not `P.classname`.

The `mpdf.css` file supplied is inactive as it has all the entries commented out by `/* ... */`

The following values will restore behaviour of pre-4.2 versions to 4.2:

```
img { margin: 0.83em 0; vertical-align: bottom; }
table { margin: 0.5em; }
textarea { vertical-align: top; }
```

The following values will restore behaviour of 2.2 versions:

```
body {
    font-family: sans-serif;
}
a {
    color: #000066;
    text-decoration: none;
}
table {
    border-collapse: collapse;
}
thead {
    vertical-align: bottom;
    text-align: center;
    font-weight: bold;
}
tfoot {
    text-align: center;
    font-weight: bold;
}
th {
    text-align: left;
    padding-left: 0.35em;
    padding-right: 0.35em;
    padding-top: 0.35em;
    padding-bottom: 0.35em;
    vertical-align: top;
}
td {
    padding-left: 0.35em;
    padding-right: 0.35em;
    padding-top: 0.35em;
    padding-bottom: 0.35em;
    vertical-align: top;
}
img {
    margin: 0.2em;
    vertical-align: middle;
}
```

### Prior to mPDF 2.2

The original default styles (mPDF <=2.0) were extensively changed with improvements in CSS handling in mPDF 2.0 (this particularly changed table borders, and table cell alignment, as well as a serif default font-family).

In order to allow backwards compatibility, a secondary "stylesheet" - a variable `$defaultCSS2` was introduced in mPDF 2.0 - and the option to load this on initiating mPDF:

```
$mpdf->useDefaultCSS2 = true;
```

### Secondary default CSS values used mPDF 2.0 - 2.1

```
var $defaultCSS2 = array(
    'BODY' => array(
        'FONT-FAMILY' => 'sans-serif',
    ),
    'A' => array(
        'COLOR' => '#000066',
        'TEXT-DECORATION' => '',
    ),
    'TABLE' => array(
        'BORDER-COLLAPSE' => 'collapse',
    ),
    'THEAD' => array(
        'VERTICAL-ALIGN' => 'bottom',
        'TEXT-ALIGN' => 'center',
        'FONT-WEIGHT' => 'bold',
    ),
    'TFOOT' => array(
        'TEXT-ALIGN' => 'center',
        'FONT-WEIGHT' => 'bold',
    ),
    'TH' => array(
        'TEXT-ALIGN' => '',
        'PADDING-LEFT' => '0.35em',
        'PADDING-RIGHT' => '0.35em',
        'PADDING-TOP' => '0.35em',
        'PADDING-BOTTOM' => '0.35em',
        'VERTICAL-ALIGN' => 'top',
    ),
    'TD' => array(
        'PADDING-LEFT' => '0.35em',
        'PADDING-RIGHT' => '0.35em',
        'PADDING-TOP' => '0.35em',
        'PADDING-BOTTOM' => '0.35em',
        'VERTICAL-ALIGN' => 'top',
    ),
    'IMG' => array(
        'MARGIN' => '0.2em',
        'VERTICAL-ALIGN' => 'middle',
    ),
);
```

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