# Specification of CSS in PDF Printing Project

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Property Name** | **Reference** | **Type** | **Value** | **Unit** | **Default** | **Comment** |
| background-color | See Table 1 |  |  |  | Black |  |
|  |  |  |  |  |  |  |
| border |  | Shorthand |  |  |  | Must be in the pattern: <Width> <Style> <Color>; |
| border-bottom | <border> |  |  |  |  |  |
| border-left | <border> |  |  |  |  |  |
| border-right | <border> |  |  |  |  |  |
| border-top | <border> |  |  |  |  |  |
|  |  |  |  |  |  |  |
| border-color | See Table 1 |  |  |  | Black |  |
| border-bottom-color | See Table 1 |  |  |  | Black |  |
| border-left-color | See Table 1 |  |  |  | Black |  |
| border-right-color | See Table 1 |  |  |  | Black |  |
| border-top-color | See Table 1 |  |  |  | Black |  |
|  |  |  |  |  |  |  |
| border-style |  | Text | none  solid  dot  dash  dashdot  dashdotdot |  | none | value “none” means no border |
| border-bottom-style | <border-style> |  |  |  | none |  |
| border-left-style | <border-style> |  |  |  | none |  |
| border-right-style | <border-style> |  |  |  | none |  |
| border-top-style | <border-style> |  |  |  | none |  |
|  |  |  |  |  |  |  |
| border-width |  | Text | thick  medium  thin |  |  | thick = 1.0px  medium = 0.6px  thin = 0.2px |
|  | Number | >= 0 | px | 0 |  |
| border-bottom-width | <border-width> |  |  | px | 0 |  |
| border-left-width | <border-width> |  |  | px | 0 |  |
| border-right-width | <border-width> |  |  | px | 0 |  |
| border-top-width | <border-width> |  |  | px | 0 |  |
|  |  |  |  |  |  |  |
| color | See Table 1 |  |  |  | black | Text color |
| font-family |  | Text |  |  | Sans Serif | Font name of True Type Font |
| font-size |  | Number | >= 0 | px | 9 |  |
| font-style |  | Text | normal  italic |  | normal |  |
| font-weight |  | Text | normal  bold |  | normal |  |
|  |  |  |  |  |  |  |
| margin |  | Shorthand |  |  |  | May have from 1 to 4 values  1 value: all four margins are the value  2 values: top and bottom margin is the first value  right and left margin is the second value  3 values: top margin is the first value  right and left margin is the second value  bottom margin is the third value  4 values: top margin is the first value  right margin is the second value  bottom margin is the third value  left margin is the second value |
| margin-bottom |  | Number | >= 0 | px | 0 |  |
| margin-left |  | Number | >= 0 | px | 0 |  |
| margin-right |  | Number | >= 0 | px | 0 |  |
| margin-top |  | Number | >= 0 | px | 0 |  |
|  |  |  |  |  |  |  |
| padding |  | Shorthand |  |  |  | It is in the same pattern as margin’s |
| padding-bottom |  | Number | >= 0 | px | 0 |  |
| padding-left |  | Number | >= 0 | px | 0 |  |
| padding-right |  | Number | >= 0 | px | 0 |  |
| padding-top |  | Number | >= 0 | px | 0 |  |
|  |  |  |  |  |  |  |
| text-align |  | Text | left  center  right |  | left |  |
| text-decoration |  | Text | none  overline  linethrough  underline |  | none |  |
| vertical-align |  | Text | bottom  top |  | top |  |
|  |  |  |  |  |  |  |
| height |  | number | >= 0 | px | 0 |  |
| width |  | number | >= 0 | px | 0 |  |

## Table 1: Color

|  |  |  |
| --- | --- | --- |
| **Format** | **Sample** | **Comment** |
| Hexadecimal | #0000FF | Blue |
| RGB | rgb(0, 0, 255) | Blue |
| HSL | hsl(240, 100%, 50%) | Blue. Hue is a degree on the color wheel (from 0 to 360) - 0 (or 360) is red, 120 is green, 240 is blue. Saturation is a percentage value; 0% means a shade of gray and 100% is the full color. Lightness is also a percentage; 0% is black, 100% is white |
| Color Name | Blue | <http://www.flounder.com/csharp_color_table.htm> |