Converting Colors

RGB(57, 116, 125)

Have a look what the booklet for RGB(57, 116, 125) contains.

Color

RGB(57, 116, 125)

Conversions

Format	Color
Hex	39747D
RGB	57, 116, 125
RGB Percent	22%, 45%, 49%
CMY	0.7765, 0.5451, 0.5098
CMYK	0.54, 0.07, 0.00, 0.51
HSL	188°, 37%, 36%
HSV	188°, 54%, 49%
XYZ	11.6344, 14.8413, 21.6535
YIQ	99.3850, -38.0530, -9.7090

Conversions Part 1

Conversions

Conversions Part 2

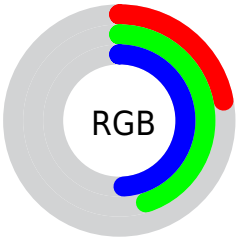
Format	Color
RYB	57, 89, 125
Decimal	3765373
CIELab	45.42, -16.47, -10.85
CIELCh	45, 19.719, 213.384
Yxy	14.8413, 0.2417, 0.3084
Android (android.graphics.Color)	4281955453 (0xFF39747D)
YUV	99.3850, 12.6282, -37.1716
Hunter-Lab	38.5244, -13.5106, -6.3582

Details

The RGB color 57, 116, 125 is a dark color, and the websafe version is hex 336666. A complement of this color would be 125, 66, 57, and the grayscale version is 99, 99, 99.

A 20% lighter version of the original color is 110, 168, 178, and 0, 68, 76 is the 20% darker color. If you saturate the color by 10%, you get 45, 114, 125, and if you desaturate by 10%, it is 70, 118, 125.

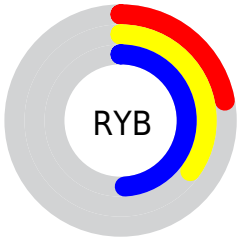
Distribution



Red (22%)

Green (45%)

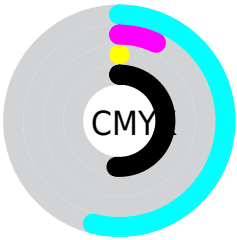
Blue (49%)



Red (22%)

Yellow (35%)

Blue (49%)

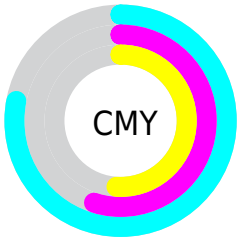


Cyan (54%)

Magenta (7%)

Yellow (0%)

Black (51%)



Cyan (78%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 57, 116, 125 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 57, 116, 125 by changing the saturation by 10% instead.

57, 116, 125	57, 116, 125
255, 255, 255	29, 91, 100
110, 168, 178	0, 68, 76
137, 195, 205	0, 45, 53
164, 223, 233	0, 26, 32
192, 252, 255	0, 0, 7
221, 255, 255	0, 0, 0
250, 255, 255	

57, 116, 125	57, 116, 125
45, 114, 125	70, 118, 125

32, 113, 125

20, 111, 125

7, 109, 125

0, 108, 125

82, 119, 125

95, 121, 125

107, 123, 125

120, 124, 125

132, 126, 125

145, 128, 125

157, 129, 125

170, 131, 125

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

64, 117, 109

57, 116, 125

67, 113, 136

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

57, 116, 125

130, 98, 123

117, 107, 75

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

57, 116, 125

125, 66, 57

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

132, 101, 79

57, 116, 125

140, 95, 106

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

57, 116, 125

112, 103, 135

140, 97, 90

100, 112, 80

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

57, 116, 125

81, 110, 140

140, 97, 90

123, 105, 75

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

57, 116, 125

137, 160, 163

57, 125, 65

66, 80, 82

209, 209, 209

82, 82, 82

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

57, 116, 125

57, 149, 163

57, 83, 125

57, 63, 64

0, 111, 128

0, 0, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

125, 57, 116

163, 57, 149

125, 99, 57

64, 57, 63

128, 0, 111

0, 0, 0

Previews

White Background

This preview shows how the RGB color 57, 116, 125 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

Black Background

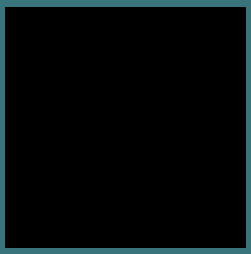
This preview shows how the RGB color 57, 116, 125 looks on a black background.

Color Contrast Check

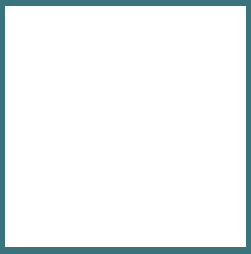
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 57, 116, 125 Background



This preview shows how black text looks on a background with the RGB color 57, 116, 125.



This preview shows how white text looks on a background with the RGB color 57, 116, 125.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
57, 116, 125

Protanopia
105, 106, 119

Deuteranopia
107, 105, 127

Tritanopia
57, 116, 125

Trichromacy

Original Color
57, 116, 125

Protanomaly
88, 110, 121

Deuteranomaly
89, 109, 126

Tritanomaly
57, 116, 125

Monochromacy

Original Color
57, 116, 125

Achromatopsia
99, 99, 99

Achromatomaly
84, 105, 108

CSS Examples

Text

The CSS property to change the color of the text to RGB 57, 116, 125 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(57, 116, 125) looks like.

```
.text, #text, p{
    color:rgb(57, 116, 125)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(57, 116, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 116, 125) }
```

Border

The CSS property to change the border of an element to RGB 57, 116, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 116, 125) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(57, 116, 125) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(57, 116, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 116, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 116, 125); box-shadow:4px 4px 4px 4px rgb(57, 116, 125) }
```

Background

The CSS property to change the background color of an element to RGB 57, 116, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(57, 116, 125) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(57, 116,
125) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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