

Converting Colors

RGB(102, 123, 125)

Have a look what the booklet for
RGB(102, 123, 125) contains.

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Color

RGB(102, 123, 125)

Conversions

Conversions Part 1

Format	Color
Hex	667B7D
RGB	102, 123, 125
RGB Percent	40%, 48%, 49%
CMY	0.6000, 0.5176, 0.5098
CMYK	0.18, 0.02, 0.00, 0.51
HSL	185°, 10%, 45%
HSV	185°, 18%, 49%
XYZ	16.2641, 18.4714, 22.1102
YIQ	116.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

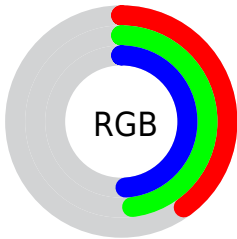
Format	Color
RYB	102, 113, 125
Decimal	6716285
CIELab	50.06, -7.17, -3.65
CIElCh	50, 8.043, 207.013
Yxy	18.4714, 0.2861, 0.3249
Android (android.graphics.Color)	4284906365 (0xFF667B7D)
YUV	116.9490, 3.9691, -13.1103
Hunter-Lab	42.9783, -7.6630, -0.4168

Details

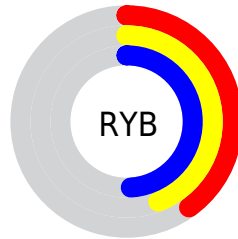
The RGB color **102, 123, 125** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **125, 104, 102**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **153, 175, 178**, and **55, 74, 76** is the 20% darker color. If you saturate the color by 10%, you get **90, 122, 125**, and if you desaturate by 10%, it is **115, 124, 125**.

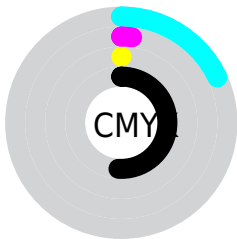
Distribution



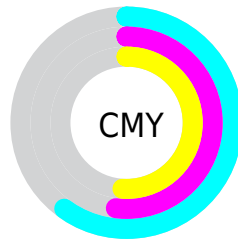
- Red (40%)
- Green (48%)
- Blue (49%)



- Red (40%)
- Yellow (44%)
- Blue (49%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 123, 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 102, 123, 125 by changing the saturation by 10% instead.

■ 102, 123, 125

255, 255, 255

■ 153, 175, 178

■ 180, 203, 205

■ 208, 231, 233

■ 236, 255, 255

■ 102, 123, 125

■ 78, 98, 100

■ 55, 74, 76

■ 32, 52, 54

■ 11, 31, 32

■ 0, 1, 9

■ 0, 0, 0

■ 102, 123, 125

■ 90, 122, 125

■ 77, 121, 125

■ 102, 123, 125

■ 115, 124, 125

■ 127, 125, 125

■ 65, 120, 125

■ 140, 126, 125

■ 52, 119, 125

■ 152, 127, 125

■ 40, 118, 125

■ 165, 128, 125

■ 27, 116, 125

■ 177, 130, 125

■ 15, 115, 125

■ 190, 131, 125

■ 2, 114, 125

■ 202, 132, 125

■ 0, 114, 125

■ 215, 133, 125

Harmonies

Analogous

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



104, 123, 118



102, 123, 125



105, 122, 130

Triad

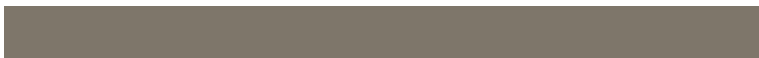
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



102, 123, 125



128, 116, 127



126, 118, 106

Complementary

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



102, 123, 125



125, 104, 102

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.



131, 116, 108



102, 123, 125



133, 115, 120

Square

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



102, 123, 125



120, 118, 131



134, 115, 113



118, 121, 107

Rectangle

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



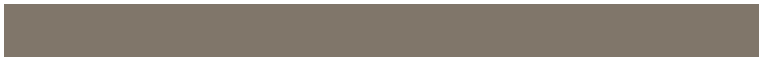
102, 123, 125



109, 121, 132



134, 115, 113



128, 118, 106

Sweetspot

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



102, 123, 125



153, 162, 163



102, 125, 104



76, 81, 82



209, 209, 209



82, 82, 82

Same Dimension

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



102, 123, 125



127, 160, 163



102, 112, 125



57, 63, 64



0, 116, 128



0, 0, 0

Inverse Universe

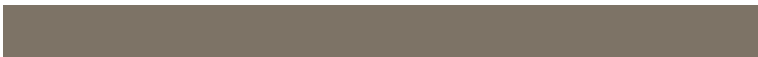
The Inverse Universe completely reimagines the original color for something new.



125, 102, 123



163, 127, 160



125, 115, 102



64, 57, 63



128, 0, 116



0, 0, 0

Previews

White Background



This preview shows how the RGB color 102, 123, 125 looks on a white 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

Black Background



This preview shows how the RGB color 102, 123, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

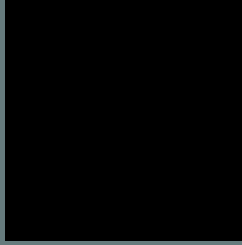
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

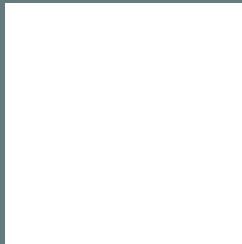
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 102, 123, 125 Background



This preview shows how black text looks on a background with the RGB color 102, 123, 125.



This preview shows how white text looks on a background with the RGB color 102, 123, 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

[102, 123, 125](#)

Protanopia

[120, 118, 122](#)

Deuteranopia

[127, 115, 127](#)



Tritanopia
103, 122, 132

Trichromacy



Original Color

102, 123, 125

Protanomaly

113, 120, 123

Deuteranomaly

118, 118, 126

Tritanomaly

103, 122, 129

Monochromacy



Original Color

102, 123, 125

Achromatopsia

117, 117, 117

Achromatomaly

112, 119, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 123, 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(102, 123, 125)` looks like.

```
.text, #text, p{  
    color:rgb(102, 123, 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(102, 123, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 123, 125) }
```

Border

The CSS property to change the border of an element to RGB 102, 123, 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(102, 123, 125) }
```

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

```
.border{ border-color:rgb(102, 123, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 123, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 123, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 123, 125);  
box-shadow:4px 4px 4px 4px rgb(102, 123,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 102, 123, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 123, 125) }
```

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

```
.background{ background-color: rgb(102,  
123, 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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