

Converting Colors

RGB(102, 116, 116)

Have a look what the booklet for
RGB(102, 116, 116) contains.

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Color

RGB(102, 116, 116)

Conversions

Conversions Part 1

Format	Color
Hex	667474
RGB	102, 116, 116
RGB Percent	40%, 45%, 45%
CMY	0.6000, 0.5451, 0.5451
CMYK	0.12, 0.00, 0.00, 0.55
HSL	180°, 6%, 43%
HSV	180°, 12%, 45%
XYZ	14.8773, 16.5765, 18.9385
YIQ	111.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

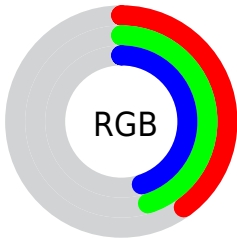
Format	Color
R_{YB}	102, 109, 116
Decimal	6714484
CIE _{Lab}	47.72, -5.20, -1.78
CIE _{LCh}	48, 5.496, 198.852
Yxy	16.5765, 0.2952, 0.3289
Android (android.graphics.Color)	4284904564 (0xFF667474)
YUV	111.8140, 2.0637, -8.6069
Hunter-Lab	40.7143, -6.0249, 0.9209

Details

The RGB color **102, 116, 116** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **116, 102, 102**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **153, 168, 168**, and **55, 68, 68** is the 20% darker color. If you saturate the color by 10%, you get **90, 116, 116**, and if you desaturate by 10%, it is **114, 116, 116**.

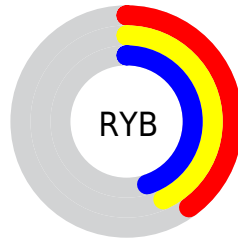
Distribution



Red (40%)

Green (45%)

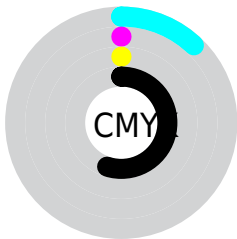
Blue (45%)



Red (40%)

Yellow (43%)

Blue (45%)

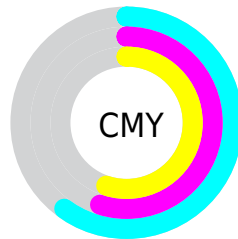


Cyan (12%)

Magenta (0%)

Yellow (0%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 116, 116 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, 116, 116 by changing the saturation by 10% instead.

■ 102, 116, 116

255, 255, 255

■ 153, 168, 168

■ 180, 195, 195

■ 207, 223, 223

■ 236, 252, 252

■ 102, 116, 116

■ 78, 91, 91

■ 55, 68, 68

■ 33, 46, 46

■ 12, 25, 25

■ 0, 0, 0

■ 102, 116, 116

■ 90, 116, 116

■ 79, 116, 116

■ 67, 116, 116

■ 102, 116, 116

■ 114, 116, 116

■ 125, 116, 116

■ 137, 116, 116

■ 56, 116, 116

■ 148, 116, 116

■ 44, 116, 116

■ 160, 116, 116

■ 32, 116, 116

■ 172, 116, 116

■ 21, 116, 116

■ 183, 116, 116

■ 9, 116, 116

■ 195, 116, 116

■ 0, 116, 116

■ 206, 116, 116

Harmonies

Analogous

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



104, 116, 111



102, 116, 116



103, 115, 120

Triad

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



102, 116, 116



118, 111, 119



119, 112, 104

Complementary

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



102, 116, 116



116, 102, 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.



122, 111, 106



102, 116, 116



122, 110, 115

Square

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



102, 116, 116



112, 113, 122



123, 110, 110



114, 114, 104

Rectangle

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



102, 116, 116



105, 115, 122



123, 110, 110



120, 112, 105

Sweetspot

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



102, 116, 116



144, 150, 150



102, 116, 102



73, 77, 77



204, 204, 204



77, 77, 77

Same Dimension

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



102, 116, 116



129, 150, 150



102, 109, 116



53, 59, 59



0, 122, 122



0, 250, 250

Inverse Universe

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



116, 102, 116



150, 129, 150



116, 109, 102



59, 53, 59



122, 0, 122



250, 0, 250

Previews

White Background



This preview shows how the RGB color 102, 116, 116 looks on a white background.

Color Contrast Check

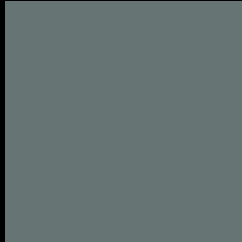
Large Text (above 18pt) WCAG AA ✓ Pass

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 102, 116, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

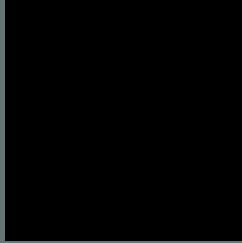
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

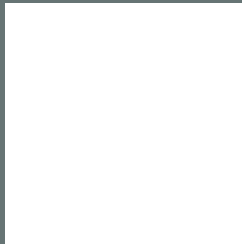
Any Text WCAG AAA × Fail

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

RGB 102, 116, 116 Background



This preview shows how black text looks on a background with the RGB color 102, 116, 116.



This preview shows how white text looks on a background with the RGB color 102, 116, 116.

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](#).

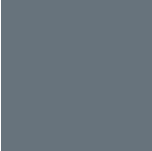
Dichromacy



Original Color
102, 116, 116

Protanopia
115, 112, 114

Deuteranopia
122, 110, 117



Tritanopia
103, 115, 124

Trichromacy



Original Color

102, 116, 116

Protanomaly

110, 113, 115

Deuteranomaly

115, 112, 117

Tritanomaly

103, 115, 121

Monochromacy



Original Color

102, 116, 116

Achromatopsia

112, 112, 112

Achromatomaly

108, 113, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 116, 116 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, 116, 116)` looks like.

```
.text, #text, p{  
    color:rgb(102, 116, 116)  
}
```

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, 116, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 116, 116) }
```

Border

The CSS property to change the border of an element to RGB 102, 116, 116 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, 116, 116) }
```

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

```
.border{ border-color:rgb(102, 116, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 116, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 116, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 116, 116);  
box-shadow:4px 4px 4px 4px rgb(102, 116,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 102, 116, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 116, 116) }
```

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

```
.background{ background-color: rgb(102,  
116, 116) }
```

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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