

Converting Colors

RGB(102, 122, 112)

Have a look what the booklet for
RGB(102, 122, 112) contains.

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Color

RGB(102, 122, 112)

Conversions

Conversions Part 1

Format	Color
Hex	667A70
RGB	102, 122, 112
RGB Percent	40%, 48%, 44%
CMY	0.6000, 0.5216, 0.5608
CMYK	0.16, 0.00, 0.08, 0.52
HSL	150°, 9%, 44%
HSV	150°, 16%, 48%
XYZ	15.3637, 17.9137, 17.9772
YIQ	114.8800, -8.7100, -7.3500

Conversions

Conversions Part 2

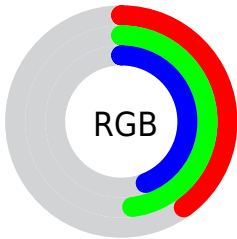
Format	Color
RYB	102, 115, 122
Decimal	6716016
CIELab	49.39, -9.49, 3.02
CIElCh	49, 9.961, 162.327
Yxy	17.9137, 0.2998, 0.3495
Android (android.graphics.Color)	4284906096 (0xFF667A70)
YUV	114.8800, -1.4198, -11.2958
Hunter-Lab	42.3246, -9.2732, 4.4440

Details

The RGB color **102, 122, 112** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122, 102, 112**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **153, 174, 164**, and **55, 73, 64** is the 20% darker color. If you saturate the color by 10%, you get **90, 122, 106**, and if you desaturate by 10%, it is **114, 122, 118**.

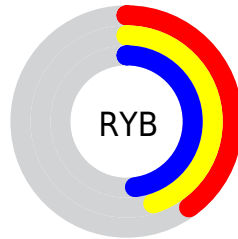
Distribution



Red (40%)

Green (48%)

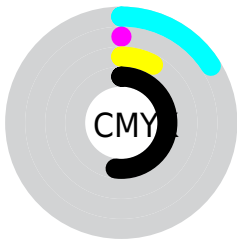
Blue (44%)



Red (40%)

Yellow (45%)

Blue (48%)

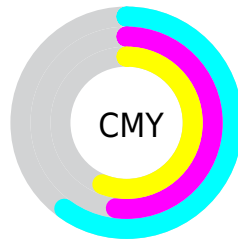


Cyan (16%)

Magenta (0%)

Yellow (8%)

Black (52%)



Cyan (60%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 122, 112 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, 122, 112 by changing the saturation by 10% instead.

■ 102, 122, 112

255, 255, 255

■ 153, 174, 164

■ 180, 202, 191

■ 208, 230, 219

■ 236, 255, 247

■ 102, 122, 112

■ 78, 97, 88

■ 55, 73, 64

■ 33, 51, 42

■ 12, 30, 22

■ 0, 0, 0

■ 102, 122, 112

■ 90, 122, 106

■ 78, 122, 100

■ 65, 122, 94

■ 102, 122, 112

■ 114, 122, 118

■ 126, 122, 124

■ 139, 122, 130

■ 53, 122, 88

■ 151, 122, 136

■ 41, 122, 81

■ 163, 122, 143

■ 29, 122, 75

■ 175, 122, 149

■ 17, 122, 69

■ 187, 122, 155

■ 4, 122, 63

■ 200, 122, 161

■ 0, 122, 61

■ 212, 122, 167

Harmonies

Analogous

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



111, 120, 105



102, 122, 112



97, 122, 121

Triad

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



102, 122, 112



113, 117, 134



134, 113, 106

Complementary

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



102, 122, 112



122, 102, 112

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.



135, 112, 114



102, 122, 112



123, 114, 130

Square

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



102, 122, 112



103, 120, 133



131, 112, 123



129, 115, 102

Rectangle

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



102, 122, 112



96, 122, 126



131, 112, 123



135, 112, 109

Sweetspot

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



102, 122, 112



150, 158, 154



112, 122, 102



74, 79, 77



207, 207, 207



79, 79, 79

Same Dimension

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



102, 122, 112



126, 158, 142



102, 122, 122



55, 61, 58



0, 125, 62



0, 252, 126

Inverse Universe

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



122, 102, 112



158, 126, 142



122, 102, 102



61, 55, 58



125, 0, 62



252, 0, 126

Previews

White Background



This preview shows how the RGB color 102, 122, 112 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, 122, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

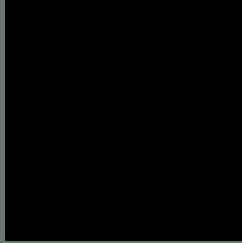
Any Text WCAG AA ✓ Pass

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, 122, 112 Background



This preview shows how black text looks on a background with the RGB color 102, 122, 112.



This preview shows how white text looks on a background with the RGB color 102, 122, 112.

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](#).

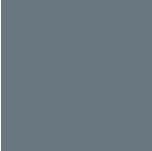
Dichromacy



Original Color
102, 122, 112

Protanopia
121, 117, 109

Deuteranopia
130, 113, 114



Tritanopia
105, 119, 129

Trichromacy



Original Color

102, 122, 112

Protanomaly

114, 119, 110

Deuteranomaly

120, 116, 113

Tritanomaly

104, 120, 123

Monochromacy



Original Color

102, 122, 112

Achromatopsia

115, 115, 115

Achromatomaly

110, 118, 114

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 122, 112 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, 122, 112)` looks like.

```
.text, #text, p{  
    color:rgb(102, 122, 112)  
}
```

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, 122, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 122, 112) }
```

Border

The CSS property to change the border of an element to RGB 102, 122, 112 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, 122, 112) }
```

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

```
.border{ border-color:rgb(102, 122, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 122, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 122, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 122, 112); box-shadow:4px 4px 4px 4px rgb(102, 122, 112) }
```

Background

The CSS property to change the background color of an element to RGB 102, 122, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 122, 112) }
```

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

```
.background{ background-color: rgb(102,  
122, 112) }
```

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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