

Converting Colors

RGB(123, 128, 112)

Have a look what the booklet for
RGB(123, 128, 112) contains.

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Color

RGB(123, 128, 112)

Conversions

Conversions Part 1	
Format	Color
Hex	7B8070
RGB	123, 128, 112
RGB Percent	48%, 50%, 44%
CMY	0.5176, 0.4980, 0.5608
CMYK	0.04, 0.00, 0.12, 0.50
HSL	79°, 7%, 47%
HSV	79°, 12%, 50%
XYZ	18.8122, 20.8191, 18.3562
YIQ	124.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

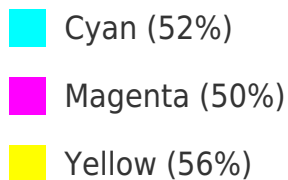
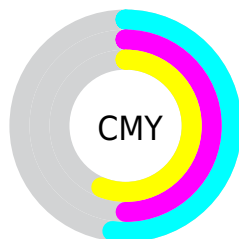
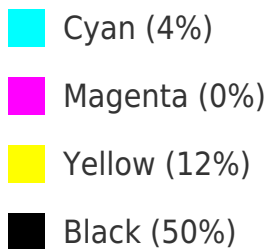
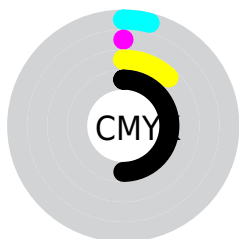
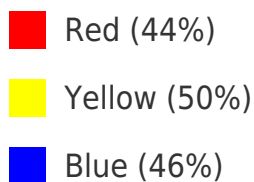
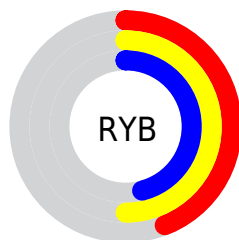
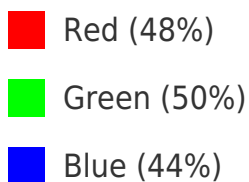
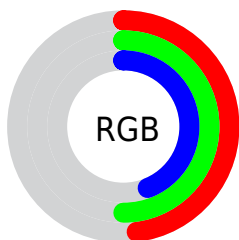
Format	Color
RYB	112, 128, 117
Decimal	8093808
CIELab	52.75, -4.95, 8.05
CIELCh	53, 9.453, 121.602
Yxy	20.8191, 0.3244, 0.3590
Android (android.graphics.Color)	4286283888 (0xFF7B8070)
YUV	124.6810, -6.2517, -1.4742
Hunter-Lab	45.6280, -6.2544, 8.0871

Details

The RGB color **123, 128, 112** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117, 112, 128**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **175, 181, 164**, and **74, 79, 64** is the 20% darker color. If you saturate the color by 10%, you get **119, 128, 99**, and if you desaturate by 10%, it is **127, 128, 125**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 123, 128, 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 123, 128, 112 by changing the saturation by 10% instead.

 123, 128, 112

255, 255, 255

 175, 181, 164

 203, 208, 191

 231, 237, 219

 255, 255, 247

 123, 128, 112

 98, 103, 88

 74, 79, 64

 52, 56, 42

 30, 35, 22


 3, 13, 0

 0, 0, 0


 123, 128, 112


 119, 128, 99

 115, 128, 86

 123, 128, 112


 127, 128, 125


 131, 128, 138

 111, 128, 74

 135, 128, 150

 107, 128, 61

 139, 128, 163


 103, 128, 48


 143, 128, 176

 99, 128, 35


 147, 128, 189

 95, 128, 22

 151, 128, 202

 91, 128, 10

 155, 128, 214

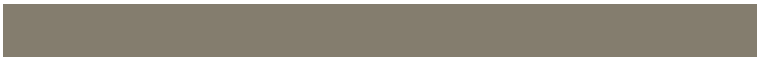
 88, 128, 0

 159, 128, 227

Harmonies

Analogous

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



132, 125, 110



123, 128, 112



114, 130, 118

Triad

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



123, 128, 112



109, 129, 140



142, 120, 126

Complementary

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



123, 128, 112



117, 112, 128

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.



137, 121, 134



123, 128, 112



118, 126, 142

Square

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



123, 128, 112



105, 130, 134



128, 124, 140



143, 121, 118

Rectangle

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



123, 128, 112



109, 131, 123



128, 124, 140



141, 121, 129

Sweetspot

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



123, 128, 112



164, 166, 159



128, 117, 112



83, 84, 80



212, 212, 212



84, 84, 84

Same Dimension

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



123, 128, 112



158, 166, 141



115, 128, 112



62, 64, 57



88, 128, 0



0, 0, 0

Inverse Universe

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



117, 112, 128



149, 141, 166



125, 112, 128



59, 57, 64



40, 0, 128



0, 0, 0

Previews

White Background



This preview shows how the RGB color 123, 128, 112 looks on a white background.

Color Contrast Check

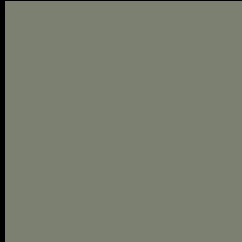
Large Text (above 18pt) WCAG AA ✓ Pass

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 123, 128, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

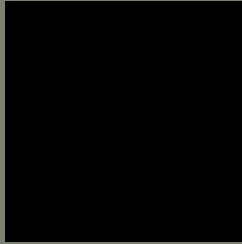
Any Text WCAG AA ✓ Pass

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 123, 128, 112 Background



This preview shows how black text looks on a background with the RGB color 123, 128, 112.



This preview shows how white text looks on a background with the RGB color 123, 128, 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

123, 128, 112

Protanopia

132, 125, 111

Deuteranopia

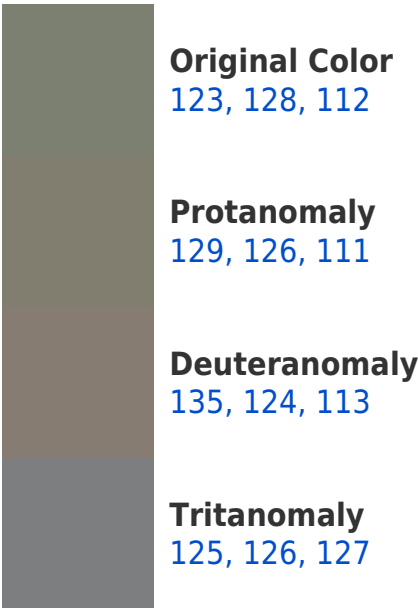
142, 121, 113



Tritanopia

126, 125, 135

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 128, 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(123, 128, 112) looks like.

```
.text, #text, p{  
    color:rgb(123, 128, 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(123, 128, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 128, 112) }
```

Border

The CSS property to change the border of an element to RGB 123, 128, 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(123, 128, 112) }
```

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

```
.border{ border-color:rgb(123, 128, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 128, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 128, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 128, 112);  
box-shadow:4px 4px 4px 4px rgb(123, 128,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 123, 128, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 128, 112) }
```

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

```
.background{ background-color: rgb(123,  
128, 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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