Converting Colors

RGB(128, 116, 112)

Have a look what the booklet for RGB(128, 116, 112) contains.

Color

RGB(128, 116, 112)

Conversions

Format	Color
	Conversions Part 1
Hex	807470
RGB	128, 116, 112
RGB Percent	50%, 45%, 44%
CMY	0.4980, 0.5451, 0.5608
CMYK	0.00, 0.09, 0.12, 0.50
HSL	15°, 7%, 47%
HSV	15°, 12%, 50%
XYZ	18.0721, 18.2498, 17.8993
YIQ	119.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

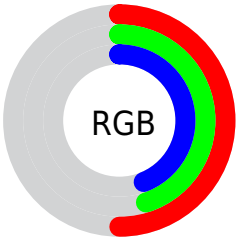
Format	Color
RYB	128, 117, 112
Decimal	8418416
CIELab	49.80, 3.90, 3.88
CIELCh	50, 5.507, 44.851
Yxy	18.2498, 0.3333, 0.3366
Android (android.graphics.Color)	4286608496 (0xFF807470)
YUV	119.1320, -3.5161, 7.7772
Hunter-Lab	42.7198, 0.7526, 5.0618

Details

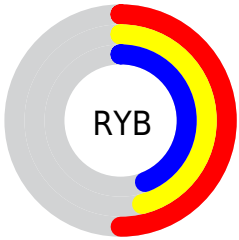
The RGB color 128, 116, 112 is a dark color, and the websafe version is hex 666666. A complement of this color would be 112, 124, 128, and the grayscale version is 119, 119, 119.

A 20% lighter version of the original color is 181, 168, 164, and 79, 68, 64 is the 20% darker color. If you saturate the color by 10%, you get 128, 106, 99, and if you desaturate by 10%, it is 128, 126, 125.

Distribution

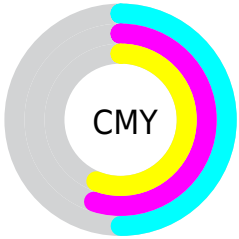


- Red (50%)
- Green (45%)
- Blue (44%)



- Red (50%)
- Yellow (46%)
- Blue (44%)

- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 116, 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 128, 116, 112 by changing the saturation by 10% instead.

128, 116, 112

255, 255, 255

181, 168, 164

208, 195, 191

237, 223, 219

255, 252, 247

128, 116, 112

103, 91, 88

79, 68, 64

56, 46, 42

34, 25, 22

8, 0, 0

0, 0, 0

128, 116, 112

128, 106, 99

128, 97, 86

128, 116, 112

128, 126, 125

128, 135, 138

128, 87, 74	128, 145, 150
128, 78, 61	128, 154, 163
128, 68, 48	128, 164, 176
128, 58, 35	128, 174, 189
128, 49, 22	128, 183, 202
128, 39, 10	128, 193, 214
128, 32, 0	128, 202, 227

Harmonies

Analogous

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

129, 115, 116

128, 116, 112

125, 117, 110

Triad

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

128, 116, 112

110, 121, 116

117, 118, 127

Complementary

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

128, 116, 112

112, 124, 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.

111, 120, 127

128, 116, 112

107, 121, 121

Square

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

128, 116, 112

114, 120, 112

108, 121, 125

122, 117, 125

Rectangle

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

128, 116, 112

122, 118, 109

108, 121, 125

115, 119, 128

Sweetspot

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

128, 116, 112

166, 161, 159

128, 112, 124

84, 81, 80

212, 212, 212

84, 84, 84

Same Dimension

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

128, 116, 112

166, 147, 141

128, 124, 112

64, 59, 57

128, 32, 0

0, 0, 0

Inverse Universe

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

112, 124, 128

141, 160, 166

112, 116, 128

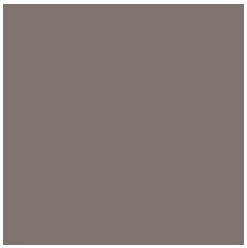
57, 62, 64

0, 96, 128

0, 0, 0

Previews

White Background

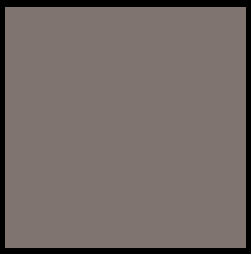


This preview shows how the RGB color 128, 116, 112 looks on a white background.

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



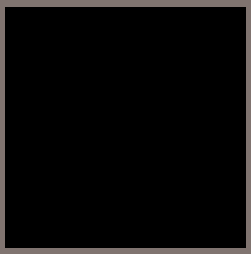
This preview shows how the RGB color 128, 116, 112 looks on a black background.

Color Contrast Check

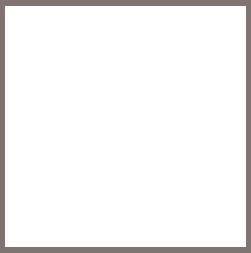
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 128, 116, 112 Background



This preview shows how black text looks on a background with the RGB color 128, 116, 112.



This preview shows how white text looks on a background with the RGB color 128, 116, 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

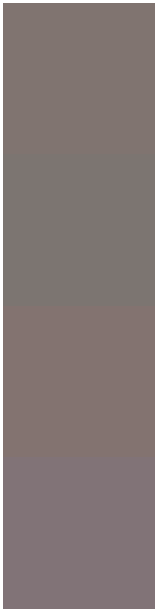
Original Color
128, 116, 112

Protanopia
122, 118, 113

Deuteranopia
132, 114, 112

Tritanopia
130, 114, 123

Trichromacy



Original Color
128, 116, 112

Protanomaly
124, 117, 113

Deuteranomaly
131, 115, 112

Tritanomaly
129, 115, 119

Monochromacy

Original Color
128, 116, 112

Achromatopsia
119, 119, 119

Achromatomaly
122, 118, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 116, 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(128, 116, 112) looks like.

```
.text, #text, p{
    color:rgb(128, 116, 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(128, 116, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 116, 112) }
```

Border

The CSS property to change the border of an element to RGB 128, 116, 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(128, 116, 112) }
```

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

```
.border{ border-color:rgb(128, 116, 112) }
```

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

Here you see how a box with a 4 pixel rgb(128, 116, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 116, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 116, 112); box-shadow:4px 4px 4px 4px rgb(128, 116, 112) }
```

Background

The CSS property to change the background color of an element to RGB 128, 116, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(128, 116, 112) }
```

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

```
.background{ background-color:rgb(128,
116, 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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