Converting Colors

RGB(118, 184, 132)

Have a look what the booklet for RGB(118, 184, 132) contains.

Color

RGB(118, 184, 132)

Conversions

Conversions Part 1

Format	Color
Hex	76B884
RGB	118, 184, 132
RGB Percent	46%, 72%, 52%
CMY	0.5373, 0.2784, 0.4824
CMYK	0.36, 0.00, 0.28, 0.28
HSL	133°, 32%, 59%
HSV	133°, 36%, 72%
XYZ	28.7766, 39.7985, 27.9950
YIQ	158.3380, -22.6440, -30.1640

Conversions

Conversions Part 2

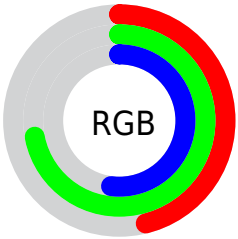
Format	Color
RYB	118, 172, 184
Decimal	7780484
CIELab	69.33, -32.04, 19.94
CIELCh	69, 37.740, 148.109
Yxy	39.7985, 0.2980, 0.4121
Android (android.graphics.Color)	4285970564 (0xFF76B884)
YUV	158.3380, -12.9846, -35.3764
Hunter-Lab	63.0860, -28.9782, 17.8498

Details

The RGB color 118, 184, 132 is a dark color, and the websafe version is hex 99CC99. A complement of this color would be 184, 118, 170, and the grayscale version is 158, 158, 158.

A 20% lighter version of the original color is 172, 240, 185, and 66, 130, 82 is the 20% darker color. If you saturate the color by 10%, you get 100, 184, 118, and if you desaturate by 10%, it is 136, 184, 146.

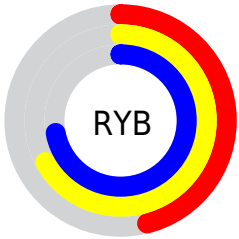
Distribution



Red (46%)

Green (72%)

Blue (52%)



Red (46%)

Yellow (67%)

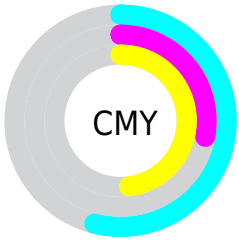
Blue (72%)

Cyan (36%)

Magenta (0%)

Yellow (28%)

Black (28%)



Cyan (54%)

Magenta (28%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 184, 132 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 118, 184, 132 by changing the saturation by 10% instead.

118, 184, 132	118, 184, 132
255, 255, 255	92, 157, 107
172, 240, 185	66, 130, 82
200, 255, 213	40, 105, 59
229, 255, 242	7, 80, 36
	0, 57, 15
	0, 36, 0
	0, 0, 0

118, 184, 132	118, 184, 132
100, 184, 118	136, 184, 146

81, 184, 103

63, 184, 89

44, 184, 74

26, 184, 60

8, 184, 45

0, 184, 39

155, 184, 161

173, 184, 175

192, 184, 190

210, 184, 204

228, 184, 219

247, 184, 233

255, 184, 248

255, 184, 255

Harmonies

Analogous

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

159, 177, 108

118, 184, 132

71, 187, 166

Triad

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

118, 184, 132

116, 173, 237

235, 145, 139

Complementary

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

118, 184, 132

184, 118, 170

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.

232, 143, 173

118, 184, 132

170, 161, 230

Square

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

118, 184, 132

53, 182, 226

210, 149, 206

221, 155, 112

Rectangle

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

118, 184, 132

36, 187, 189

210, 149, 206

236, 143, 150

Sweetspot

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

118, 184, 132

213, 240, 219

171, 184, 118

104, 120, 108

247, 247, 247

120, 120, 120

Same Dimension

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

118, 184, 132

137, 240, 158

118, 184, 164

83, 92, 85

0, 156, 33

0, 28, 6

Inverse Universe

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

184, 118, 170

240, 137, 218

184, 118, 138

92, 83, 90

156, 0, 123

28, 0, 22

Previews

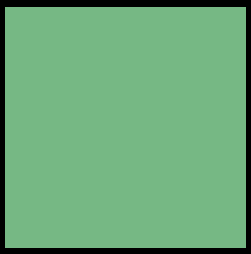
White Background

This preview shows how the RGB color 118, 184, 132 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
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 118, 184, 132 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 ✓ Pass

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

RGB 118, 184, 132 Background

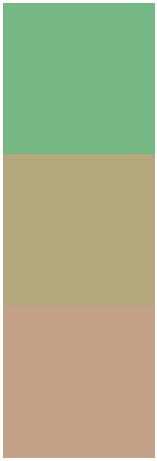
This preview shows how black text looks on a background with the RGB color 118, 184, 132.

This preview shows how white text looks on a background with the RGB color 118, 184, 132.

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
118, 184, 132

Protanopia
181, 168, 125

Deuteranopia
196, 162, 137

Tritanopia
130, 176, 191

Trichromacy

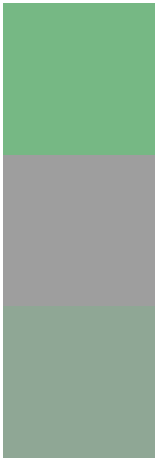
Original Color
118, 184, 132

Protanomaly
158, 174, 128

Deuteranomaly
168, 170, 135

Tritanomaly
126, 179, 170

Monochromacy



Original Color
118, 184, 132

Achromatopsia
158, 158, 158

Achromatomaly
143, 167, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 184, 132 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(118, 184, 132) looks like.

```
.text, #text, p{
    color:rgb(118, 184, 132)
}
```

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(118, 184, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 184, 132) }
```

Border

The CSS property to change the border of an element to RGB 118, 184, 132 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(118, 184, 132) }
```

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

```
.border{ border-color:rgb(118, 184, 132) }
```

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

Here you see how a box with a 4 pixel rgb(118, 184, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 184, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 184, 132); box-shadow:4px 4px 4px 4px rgb(118, 184, 132) }
```

Background

The CSS property to change the background color of an element to RGB 118, 184, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(118, 184, 132) }
```

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

```
.background{ background-color:rgb(118,
184, 132) }
```

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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