Converting Colors

RGB(118, 170, 126)

Have a look what the booklet for RGB(118, 170, 126) contains.

Color

RGB(118, 170, 126)

Conversions

Conversions Part 1

Format	Color
Hex	76AA7E
RGB	118, 170, 126
RGB Percent	46%, 67%, 49%
CMY	0.5373, 0.3333, 0.5059
CMYK	0.31, 0.00, 0.26, 0.33
HSL	129°, 23%, 56%
HSV	129°, 31%, 67%
XYZ	25.6118, 34.1074, 24.9722
YIQ	149.4360, -16.8680, -24.7080

Conversions

Conversions Part 2

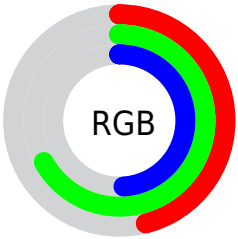
Format	Color
RYB	118, 163, 170
Decimal	7776894
CIELab	65.05, -26.39, 17.31
CIELCh	65, 31.565, 146.733
Yxy	34.1074, 0.3024, 0.4027
Android (android.graphics.Color)	4285966974 (0xFF76AA7E)
YUV	149.4360, -11.5539, -27.5694
Hunter-Lab	58.4015, -23.9219, 15.5290

Details

The RGB color 118, 170, 126 is a dark color, and the websafe version is hex 669966. A complement of this color would be 170, 118, 162, and the grayscale version is 150, 150, 150.

A 20% lighter version of the original color is 171, 226, 179, and 67, 117, 77 is the 20% darker color. If you saturate the color by 10%, you get 101, 170, 112, and if you desaturate by 10%, it is 135, 170, 140.

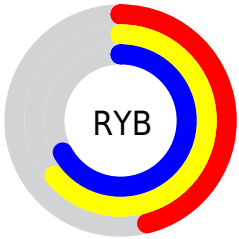
Distribution



Red (46%)

Green (67%)

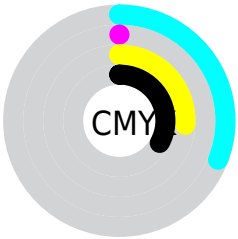
Blue (49%)



Red (46%)

Yellow (64%)

Blue (67%)

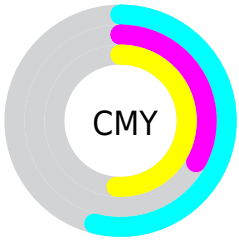


Cyan (31%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 170, 126 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, 170, 126 by changing the saturation by 10% instead.

118, 170, 126	118, 170, 126
255, 255, 255	92, 143, 101
171, 226, 179	67, 117, 77
199, 254, 206	43, 93, 54
228, 255, 235	17, 69, 32
	0, 46, 10
	0, 26, 0
	0, 0, 0

118, 170, 126	118, 170, 126
101, 170, 112	135, 170, 140

84, 170, 97

67, 170, 83

50, 170, 68

33, 170, 54

16, 170, 40

0, 170, 26

152, 170, 155

169, 170, 169

186, 170, 184

203, 170, 198

220, 170, 212

237, 170, 227

254, 170, 241

255, 170, 255

Harmonies

Analogous

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

151, 164, 107

118, 170, 126

84, 173, 154

Triad

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

118, 170, 126

114, 162, 214

213, 138, 134

Complementary

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

118, 170, 126

170, 118, 162

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.

210, 137, 162

118, 170, 126

157, 152, 208

Square

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

118, 170, 126

73, 169, 204

191, 142, 189

202, 145, 112

Rectangle

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

118, 170, 126

65, 173, 173

191, 142, 189

214, 137, 143

Sweetspot

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

118, 170, 126

202, 222, 205

162, 170, 118

100, 112, 102

240, 240, 240

112, 112, 112

Same Dimension

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

118, 170, 126

140, 222, 152

118, 170, 152

76, 84, 77

0, 148, 23

0, 20, 3

Inverse Universe

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

170, 118, 162

222, 140, 209

170, 118, 136

84, 76, 83

148, 0, 125

20, 0, 17

Previews

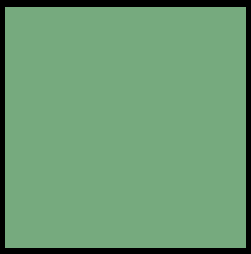
White Background

This preview shows how the RGB color 118, 170, 126 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



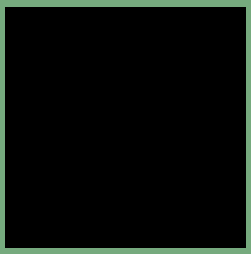
This preview shows how the RGB color 118, 170, 126 looks on a black background.

Color Contrast Check

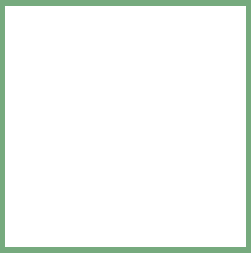
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 118, 170, 126 Background



This preview shows how black text looks on a background with the RGB color 118, 170, 126.



This preview shows how white text looks on a background with the RGB color 118, 170, 126.

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, 170, 126

Protanopia
168, 157, 120

Deuteranopia
182, 151, 130

Tritanopia
128, 163, 176

Trichromacy

Original Color
118, 170, 126

Protanomaly
150, 162, 122

Deuteranomaly
159, 158, 129

Tritanomaly
124, 166, 158

Monochromacy

Original Color
118, 170, 126

Achromatopsia
149, 149, 149

Achromatomaly
138, 157, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 170, 126 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, 170, 126) looks like.

```
.text, #text, p{
    color:rgb(118, 170, 126)
}
```

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, 170, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 170, 126) }
```

Border

The CSS property to change the border of an element to RGB 118, 170, 126 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, 170, 126) }
```

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

```
.border{ border-color:rgb(118, 170, 126) }
```

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

Here you see how a box with a 4 pixel rgb(118, 170, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 170, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 170, 126); box-shadow:4px 4px 4px 4px rgb(118, 170, 126) }
```

Background

The CSS property to change the background color of an element to RGB 118, 170, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(118, 170, 126) }
```

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

```
.background{ background-color:rgb(118,
170, 126) }
```

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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