

Converting Colors

RGB(119, 163, 118)

Have a look what the booklet for
RGB(119, 163, 118) contains.

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Color

RGB(119, 163, 118)

Conversions

Conversions Part 1

Format	Color
Hex	77A376
RGB	119, 163, 118
RGB Percent	47%, 64%, 46%
CMY	0.5333, 0.3608, 0.5373
CMYK	0.27, 0.00, 0.28, 0.36
HSL	119°, 20%, 55%
HSV	119°, 28%, 64%
XYZ	23.9750, 31.4243, 21.9414
YIQ	144.7140, -11.7790, -23.3230

Conversions

Conversions Part 2

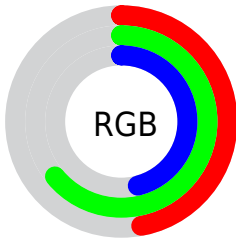
Format	Color
RYB	118, 163, 162
Decimal	7840630
CIELab	62.86, -24.01, 18.72
CIELCh	63, 30.446, 142.064
Yxy	31.4243, 0.3100, 0.4063
Android (android.graphics.Color)	4286030710 (0xFF77A376)
YUV	144.7140, -13.1700, -22.5512
Hunter-Lab	56.0574, -21.7586, 16.0335

Details

The RGB color **119, 163, 118** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **162, 118, 163**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **172, 218, 170**, and **69, 111, 69** is the 20% darker color. If you saturate the color by 10%, you get **103, 163, 102**, and if you desaturate by 10%, it is **135, 163, 134**.

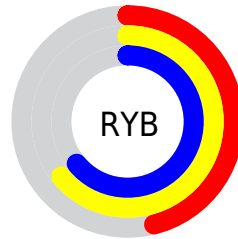
Distribution



Red (47%)

Green (64%)

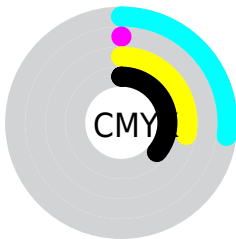
Blue (46%)



Red (46%)

Yellow (64%)

Blue (64%)

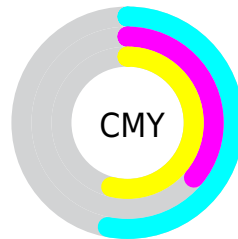


Cyan (27%)

Magenta (0%)

Yellow (28%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 163, 118 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 119, 163, 118 by changing the saturation by 10% instead.

■ 119, 163, 118

255, 255, 255

■ 172, 218, 170

■ 200, 247, 198

■ 228, 255, 226

255, 255, 255

■ 119, 163, 118

■ 103, 163, 102

■ 119, 163, 118

■ 94, 137, 93

■ 69, 111, 69

■ 45, 86, 47

■ 21, 63, 25

■ 0, 40, 0

■ 0, 18, 0

■ 0, 0, 0

■ 119, 163, 118

■ 135, 163, 134

■ 87, 163, 85

■ 151, 163, 151

■ 71, 163, 69

■ 167, 163, 167

■ 55, 163, 53

■ 183, 163, 183

■ 39, 163, 37

■ 199, 163, 200

■ 23, 163, 20

■ 215, 163, 216

■ 7, 163, 4

■ 231, 163, 232

■ 4, 163, 0

■ 247, 163, 248

■ 255, 163, 255

Harmonies

Analogous

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



150, 157, 101



119, 163, 118



86, 166, 144

Triad

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



119, 163, 118



104, 157, 205



206, 133, 133

Complementary

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



119, 163, 118



162, 118, 163

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.



200, 132, 160



119, 163, 118



146, 148, 202

Square

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



119, 163, 118



67, 163, 194



179, 138, 186



197, 139, 110

Rectangle

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



119, 163, 118



67, 167, 162



179, 138, 186



206, 132, 142

Sweetspot

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



119, 163, 118



195, 212, 195



163, 162, 118



97, 107, 96



235, 235, 235



107, 107, 107

Same Dimension

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



119, 163, 118



143, 212, 142



118, 163, 139



74, 82, 73



3, 145, 0



0, 18, 0

Inverse Universe

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



162, 118, 163



210, 142, 212



163, 118, 142



81, 73, 82



142, 0, 145



17, 0, 18

Previews

White Background



This preview shows how the RGB color 119, 163, 118 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 119, 163, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

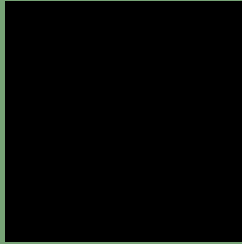
Any Text WCAG AA ✓ Pass

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 119, 163, 118 Background



This preview shows how black text looks on a background with the RGB color 119, 163, 118.

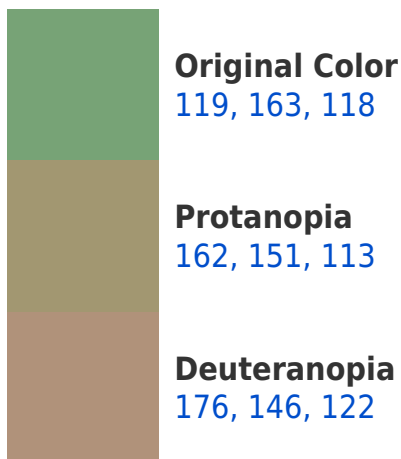


This preview shows how white text looks on a background with the RGB color 119, 163, 118.

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





Tritanopia
128, 156, 169

Trichromacy



Original Color
119, 163, 118

Protanomaly
146, 155, 115

Deuteranomaly
155, 152, 121

Tritanomaly
125, 159, 150

Monochromacy



Original Color
119, 163, 118

Achromatopsia
145, 145, 145

Achromatomaly
136, 152, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 163, 118 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(119, 163, 118)` looks like.

```
.text, #text, p{  
    color:rgb(119, 163, 118)  
}
```

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(119, 163, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 163, 118) }
```

Border

The CSS property to change the border of an element to RGB 119, 163, 118 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(119, 163, 118) }
```

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

```
.border{ border-color:rgb(119, 163, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 163, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 163, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 163, 118);  
box-shadow:4px 4px 4px 4px rgb(119, 163,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 119, 163, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 163, 118) }
```

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

```
.background{ background-color: rgb(119,  
163, 118) }
```

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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