

Converting Colors

RGB(119, 181, 122)

Have a look what the booklet for
RGB(119, 181, 122) contains.

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Color

RGB(119, 181, 122)

Conversions

Conversions Part 1

Format	Color
Hex	77B57A
RGB	119, 181, 122
RGB Percent	47%, 71%, 48%
CMY	0.5333, 0.2902, 0.5216
CMYK	0.34, 0.00, 0.33, 0.29
HSL	123°, 30%, 59%
HSV	123°, 34%, 71%
XYZ	27.6445, 38.3748, 24.3624
YIQ	155.7360, -18.0130, -31.4930

Conversions

Conversions Part 2

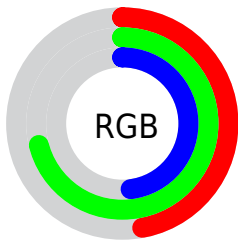
Format	Color
RYB	119, 178, 181
Decimal	7845242
CIELab	68.30, -32.07, 23.92
CIELCh	68, 40.005, 143.279
Yxy	38.3748, 0.3059, 0.4246
Android (android.graphics.Color)	4286035322 (0xFF77B57A)
YUV	155.7360, -16.6318, -32.2175
Hunter-Lab	61.9474, -28.7511, 20.0459

Details

The RGB color **119, 181, 122** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **181, 119, 178**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **173, 237, 175**, and **67, 128, 73** is the 20% darker color. If you saturate the color by 10%, you get **101, 181, 105**, and if you desaturate by 10%, it is **137, 181, 139**.

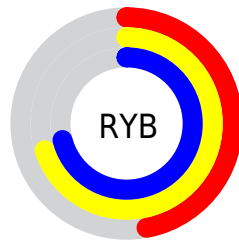
Distribution



Red (47%)

Green (71%)

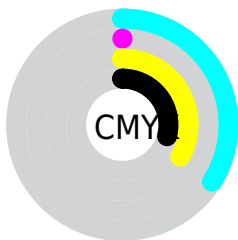
Blue (48%)



Red (47%)

Yellow (70%)

Blue (71%)

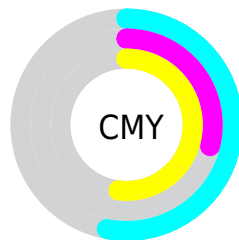


Cyan (34%)

Magenta (0%)

Yellow (33%)

Black (29%)



Cyan (53%)

Magenta (29%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 181, 122 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, 181, 122 by changing the saturation by 10% instead.

 119, 181, 122

255, 255, 255

 173, 237, 175


 201, 255, 202


 230, 255, 231

 119, 181, 122

 93, 154, 97

 67, 128, 73

 41, 102, 49

 11, 78, 27

 0, 54, 3

 0, 34, 0

 0, 0, 0

 119, 181, 122

 101, 181, 105

 119, 181, 122

 137, 181, 139

■ 83, 181, 88

■ 155, 181, 156

■ 65, 181, 70

■ 173, 181, 174

■ 47, 181, 53

■ 191, 181, 191

■ 29, 181, 36

■ 210, 181, 208

■ 10, 181, 19

■ 228, 181, 225

■ 0, 181, 9

■ 246, 181, 243

■ 255, 181, 255

Harmonies

Analogous

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



161, 173, 99



119, 181, 122



67, 185, 157

Triad

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



119, 181, 122



96, 173, 238



236, 140, 140

Complementary

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



119, 181, 122



181, 119, 178

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.



230, 139, 176



119, 181, 122



158, 160, 233

Square

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



119, 181, 122



0, 181, 223



204, 147, 210



224, 149, 110

Rectangle

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



119, 181, 122



3, 186, 182



204, 147, 210



237, 138, 152

Sweetspot

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



119, 181, 122



211, 235, 212



179, 181, 119



103, 117, 104



245, 245, 245



117, 117, 117

Same Dimension

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



119, 181, 122



138, 235, 143



119, 181, 152



80, 89, 81



0, 153, 7



0, 26, 1

Inverse Universe

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



181, 119, 178



235, 138, 230



181, 119, 148



89, 80, 89



153, 0, 146



26, 0, 24

Previews

White Background



This preview shows how the RGB color 119, 181, 122 looks on a white background.

Color Contrast Check

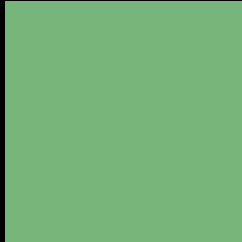
Large Text (above 18pt) WCAG AA × Fail

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, 181, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

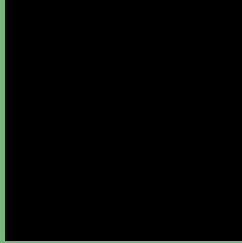
Any Text WCAG AA ✓ Pass

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, 181, 122 Background



This preview shows how black text looks on a background with the RGB color 119, 181, 122.



This preview shows how white text looks on a background with the RGB color 119, 181, 122.

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
[119, 181, 122](#)

Protanopia
[179, 166, 115](#)

Deuteranopia
[195, 159, 127](#)



Tritanopia
131, 173, 187

Trichromacy



Original Color
119, 181, 122

Protanomaly
157, 171, 118

Deuteranomaly
167, 167, 125

Tritanomaly
127, 176, 163

Monochromacy



Original Color
119, 181, 122

Achromatopsia
156, 156, 156

Achromatomaly
143, 165, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 181, 122 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, 181, 122)` looks like.

```
.text, #text, p{  
    color:rgb(119, 181, 122)  
}
```

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, 181, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 181, 122) }
```

Border

The CSS property to change the border of an element to RGB 119, 181, 122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

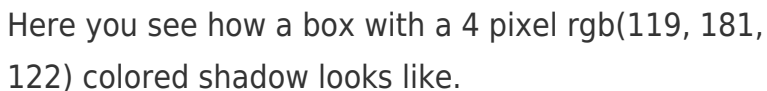
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 181, 122) }
```

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

```
.border{ border-color:rgb(119, 181, 122) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 181, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 181, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 181, 122); box-shadow:4px 4px 4px 4px rgb(119, 181, 122) }
```

Background

The CSS property to change the background color of an element to RGB 119, 181, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 181, 122) }
```

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

```
.background{ background-color: rgb(119,  
181, 122) }
```

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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