

Converting Colors

RGB(119, 177, 158)

Have a look what the booklet for
RGB(119, 177, 158) contains.

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Color

RGB(119, 177, 158)

Conversions

Conversions Part 1

Format	Color
Hex	77B19E
RGB	119, 177, 158
RGB Percent	47%, 69%, 62%
CMY	0.5333, 0.3059, 0.3804
CMYK	0.33, 0.00, 0.11, 0.31
HSL	160°, 27%, 58%
HSV	160°, 33%, 69%
XYZ	29.5014, 37.8348, 38.0957
YIQ	157.4920, -28.4690, -18.2050

Conversions

Conversions Part 2

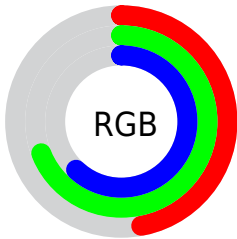
Format	Color
RYB	119, 154, 177
Decimal	7844254
CIELab	67.90, -23.10, 3.72
CIELCh	68, 23.395, 170.842
Yxy	37.8348, 0.2798, 0.3589
Android (android.graphics.Color)	4286034334 (0xFF77B19E)
YUV	157.4920, 0.2504, -33.7575
Hunter-Lab	61.5100, -22.0304, 6.3363

Details

The RGB color **119, 177, 158** is a light color, and the websafe version is hex **669999**. A complement of this color would be **177, 119, 138**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **173, 233, 213**, and **68, 124, 107** is the 20% darker color. If you saturate the color by 10%, you get **101, 177, 152**, and if you desaturate by 10%, it is **137, 177, 164**.

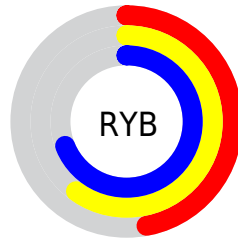
Distribution



Red (47%)

Green (69%)

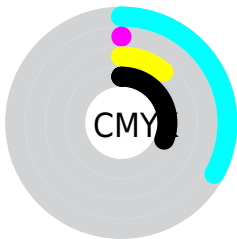
Blue (62%)



Red (47%)

Yellow (60%)

Blue (69%)

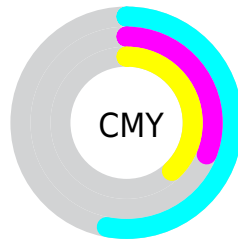


Cyan (33%)

Magenta (0%)

Yellow (11%)

Black (31%)



Cyan (53%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 177, 158 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, 177, 158 by changing the saturation by 10% instead.


 119, 177, 158


255, 255, 255


 173, 233, 213

 201, 255, 241

 229, 255, 255

 119, 177, 158


 93, 150, 132

 68, 124, 107

 42, 99, 83


 14, 75, 60

 0, 52, 38


 0, 32, 17


 0, 0, 0

 119, 177, 158


 101, 177, 152

 119, 177, 158


 137, 177, 164


 84, 177, 146


 154, 177, 170

 66, 177, 141


 172, 177, 175

 48, 177, 135

 190, 177, 181

 31, 177, 129

 208, 177, 187

 13, 177, 123

 225, 177, 193

 0, 177, 119

 243, 177, 199

 255, 177, 204

 255, 177, 210

Harmonies

Analogous

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



141, 174, 138



119, 177, 158



105, 177, 180

Triad

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



119, 177, 158



160, 162, 205



203, 155, 134

Complementary

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



119, 177, 158



177, 119, 138

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.



209, 151, 151



119, 177, 158



186, 155, 192

Square

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



119, 177, 158



131, 169, 207



203, 151, 173



187, 162, 124

Rectangle

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



119, 177, 158



106, 176, 192



203, 151, 173



206, 153, 139

Sweetspot

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



119, 177, 158



207, 230, 222



138, 177, 119



101, 115, 110



242, 242, 242



115, 115, 115

Same Dimension

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



119, 177, 158



140, 230, 200



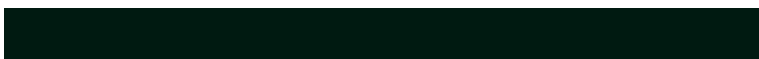
119, 167, 177



80, 89, 86



0, 153, 103



0, 26, 17

Inverse Universe

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



177, 119, 138



230, 140, 169



177, 129, 119



89, 80, 83



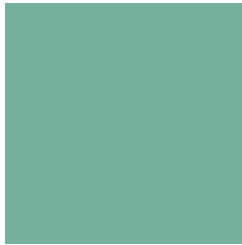
153, 0, 50



26, 0, 8

Previews

White Background



This preview shows how the RGB color 119, 177, 158 looks on a white background.

Color Contrast Check

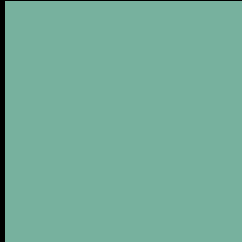
Large Text (above 18pt) WCAG AA × Fail

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, 177, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

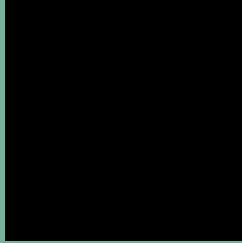
Any Text WCAG AA ✓ Pass

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, 177, 158 Background



This preview shows how black text looks on a background with the RGB color 119, 177, 158.

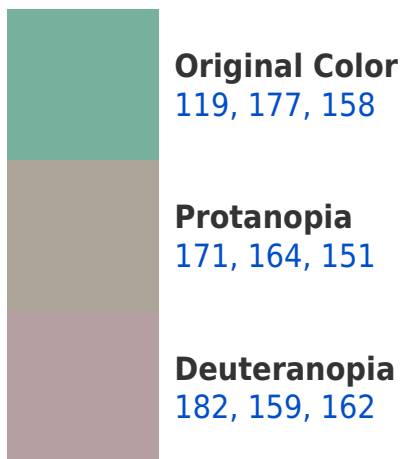



This preview shows how white text looks on a background with the RGB color 119, 177, 158.

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
125, 173, 187

Trichromacy



Original Color
119, 177, 158

Protanomaly
152, 169, 154

Deuteranomaly
159, 166, 161

Tritanomaly
123, 174, 176

Monochromacy



Original Color
119, 177, 158

Achromatopsia
157, 157, 157

Achromatomaly
143, 164, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 177, 158 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, 177, 158)` looks like.

```
.text, #text, p{  
    color:rgb(119, 177, 158)  
}
```

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, 177, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 177, 158) }
```

Border

The CSS property to change the border of an element to RGB 119, 177, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

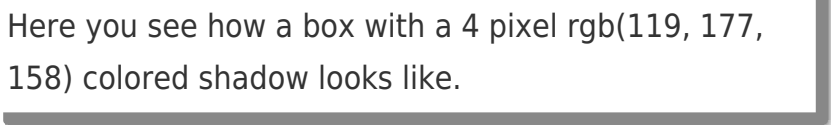
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 177, 158) }
```

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

```
.border{ border-color:rgb(119, 177, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 177, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 177, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 177, 158);  
box-shadow:4px 4px 4px 4px rgb(119, 177,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 119, 177, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 177, 158) }
```

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

```
.background{ background-color: rgb(119,  
177, 158) }
```

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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