

Converting Colors

RGB(119, 177, 159)

Have a look what the booklet for
RGB(119, 177, 159) contains.

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Color

RGB(119, 177, 159)

Conversions

Conversions Part 1

Format	Color
Hex	77B19F
RGB	119, 177, 159
RGB Percent	47%, 69%, 62%
CMY	0.5333, 0.3059, 0.3765
CMYK	0.33, 0.00, 0.10, 0.31
HSL	161°, 27%, 58%
HSV	161°, 33%, 69%
XYZ	29.5879, 37.8694, 38.5510
YIQ	157.6060, -28.7900, -17.8940

Conversions

Conversions Part 2

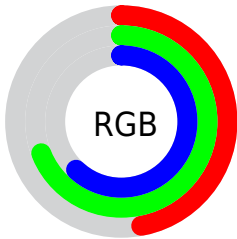
Format	Color
RYB	119, 153, 177
Decimal	7844255
CIELab	67.92, -22.88, 3.21
CIElCh	68, 23.100, 172.016
Yxy	37.8694, 0.2791, 0.3572
Android (android.graphics.Color)	4286034335 (0xFF77B19F)
YUV	157.6060, 0.6872, -33.8575
Hunter-Lab	61.5381, -21.8679, 5.9341

Details

The RGB color **119, 177, 159** is a light color, and the websafe version is hex **669999**. A complement of this color would be **177, 119, 137**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **173, 233, 214**, and **68, 124, 108** is the 20% darker color. If you saturate the color by 10%, you get **101, 177, 154**, and if you desaturate by 10%, it is **137, 177, 164**.

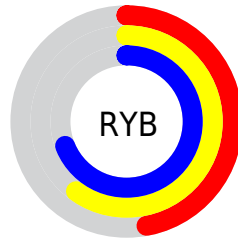
Distribution



Red (47%)

Green (69%)

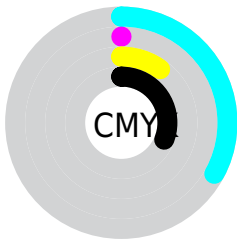
Blue (62%)



Red (47%)

Yellow (60%)

Blue (69%)

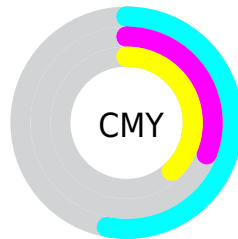


Cyan (33%)

Magenta (0%)

Yellow (10%)

Black (31%)



Cyan (53%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 177, 159 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, 159 by changing the saturation by 10% instead.

 119, 177, 159


255, 255, 255


 173, 233, 214

 201, 255, 242

 229, 255, 255

 119, 177, 159

 93, 150, 133

 68, 124, 108

 42, 99, 83

 14, 75, 60

 0, 52, 39

 0, 32, 18


 0, 0, 0

 119, 177, 159


 101, 177, 154

 119, 177, 159


 137, 177, 164


 84, 177, 148


 154, 177, 170


 66, 177, 143


 172, 177, 175

 48, 177, 137

 190, 177, 181

 31, 177, 132

 208, 177, 186

 13, 177, 126

 225, 177, 192

 0, 177, 122

 243, 177, 197

 255, 177, 203

 255, 177, 208

Harmonies

Analogous

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



141, 174, 139



119, 177, 159



106, 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, 159



162, 162, 204



202, 156, 133

Complementary

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



119, 177, 159



177, 119, 137

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.



208, 151, 151



119, 177, 159



187, 155, 191

Square

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



119, 177, 159



133, 169, 206



203, 151, 172



186, 162, 125

Rectangle

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



119, 177, 159



107, 176, 193



203, 151, 172



205, 154, 139

Sweetspot

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



119, 177, 159



207, 230, 222



137, 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, 159



140, 230, 202



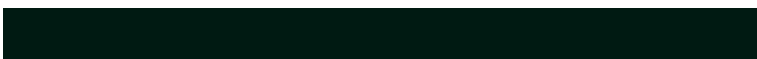
119, 166, 177



80, 89, 86



0, 153, 106



0, 26, 18

Inverse Universe

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



177, 119, 137



230, 140, 168



177, 130, 119



89, 80, 83



153, 0, 47



26, 0, 8

Previews

White Background



This preview shows how the RGB color 119, 177, 159 looks on a white background.

Color Contrast Check

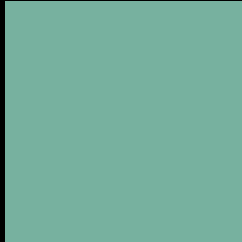
Large Text (above 18pt) WCAG AA × Fail

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, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

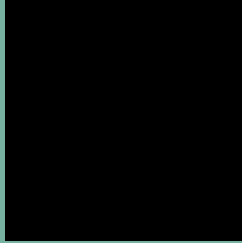
Any Text WCAG AA ✓ Pass

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, 159 Background



This preview shows how black text looks on a background with the RGB color 119, 177, 159.

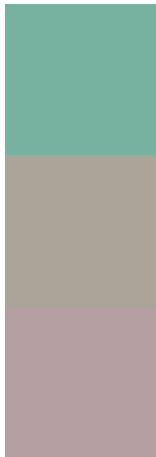


This preview shows how white text looks on a background with the RGB color 119, 177, 159.

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, 177, 159

Protanopia
171, 164, 152

Deuteranopia
181, 159, 163



Tritanopia
125, 173, 187

Trichromacy



Original Color

119, 177, 159

Protanomaly

152, 169, 155

Deuteranomaly

158, 166, 162

Tritanomaly

123, 174, 177

Monochromacy



Original Color

119, 177, 159

Achromatopsia

158, 158, 158

Achromatomaly

144, 165, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 177, 159 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(119, 177, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 177, 159) }
```

Border

The CSS property to change the border of an element to RGB 119, 177, 159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

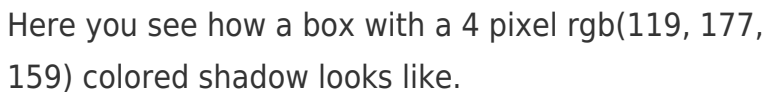
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 177, 159) }
```

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

```
.border{ border-color:rgb(119, 177, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 177, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 177, 159); box-shadow:4px 4px 4px 4px rgb(119, 177, 159) }
```

Background

The CSS property to change the background color of an element to RGB 119, 177, 159 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, 159) }
```

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

```
.background{ background-color: rgb(119,  
177, 159) }
```

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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