

Converting Colors

RGB(119, 190, 169)

Have a look what the booklet for
RGB(119, 190, 169) contains.

RGB(119, 190, 169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(119, 190, 169)

Conversions

Conversions Part 1

Format	Color
Hex	77BEA9
RGB	119, 190, 169
RGB Percent	47%, 75%, 66%
CMY	0.5333, 0.2549, 0.3373
CMYK	0.37, 0.00, 0.11, 0.25
HSL	162°, 35%, 61%
HSV	162°, 37%, 75%
XYZ	33.1826, 43.6134, 44.2054
YIQ	166.3770, -35.5750, -21.5830

Conversions

Conversions Part 2

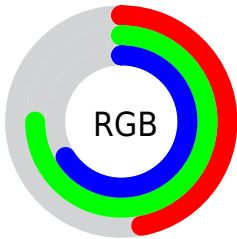
Format	Color
RYB	119, 161, 190
Decimal	7847593
CIELab	71.97, -27.11, 3.58
CIElCh	72, 27.345, 172.481
Yxy	43.6134, 0.2742, 0.3604
Android (android.graphics.Color)	4286037673 (0xFF77BEA9)
YUV	166.3770, 1.2931, -41.5496
Hunter-Lab	66.0405, -25.8818, 6.5414

Details

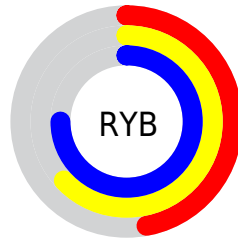
The RGB color **119, 190, 169** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **190, 119, 140**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **174, 247, 224**, and **66, 136, 117** is the 20% darker color. If you saturate the color by 10%, you get **100, 190, 163**, and if you desaturate by 10%, it is **138, 190, 175**.

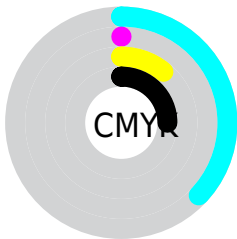
Distribution



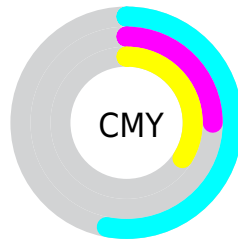
- Red (47%)
- Green (75%)
- Blue (66%)



- Red (47%)
- Yellow (63%)
- Blue (75%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 190, 169 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, 190, 169 by changing the saturation by 10% instead.

 119, 190, 169


255, 255, 255


 174, 247, 224


 202, 255, 253

 231, 255, 255

 119, 190, 169

 92, 163, 143

 66, 136, 117

 38, 111, 92

 2, 86, 69

 0, 62, 47


 0, 40, 26

 0, 13, 0


 0, 0, 0

 119, 190, 169


 119, 190, 169

 100, 190, 163


 138, 190, 175

 81, 190, 158


 157, 190, 180

 62, 190, 152

 176, 190, 186

 43, 190, 147

 195, 190, 191

 24, 190, 141

 214, 190, 197

 5, 190, 135

 233, 190, 203

 0, 190, 134

 252, 190, 208

 255, 190, 214

 255, 190, 220

Harmonies

Analogous

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



146, 187, 145



119, 190, 169



102, 190, 195

Triad

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



119, 190, 169



172, 172, 222



219, 164, 138

Complementary

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



119, 190, 169



190, 119, 140

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.



227, 159, 158



119, 190, 169



202, 164, 207

Square

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



119, 190, 169



136, 181, 225



222, 159, 184



200, 173, 127

Rectangle

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



119, 190, 169



103, 188, 209



222, 159, 184



223, 162, 144

Sweetspot

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



119, 190, 169



220, 247, 239



140, 190, 119



109, 125, 120



252, 252, 252



125, 125, 125

Same Dimension

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



119, 190, 169



136, 247, 214



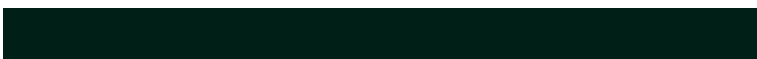
119, 176, 190



85, 94, 92



0, 158, 111



0, 31, 22

Inverse Universe

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



190, 119, 140



247, 136, 169



190, 133, 119



94, 85, 88



158, 0, 47



31, 0, 9

Previews

White Background



This preview shows how the RGB color 119, 190, 169 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, 190, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

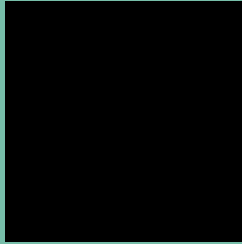
Any Text WCAG AA ✓ Pass

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, 190, 169 Background



This preview shows how black text looks on a background with the RGB color 119, 190, 169.



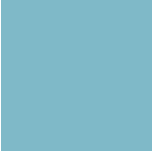
This preview shows how white text looks on a background with the RGB color 119, 190, 169.

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
127, 185, 200

Trichromacy



Original Color

119, 190, 169



Protanomaly

159, 180, 164



Deuteranomaly

166, 177, 172



Tritanomaly

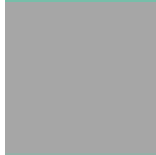
124, 187, 189

Monochromacy



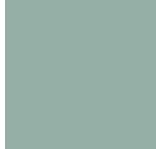
Original Color

119, 190, 169



Achromatopsia

166, 166, 166



Achromatomaly

149, 175, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 190, 169 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, 190, 169)` looks like.

```
.text, #text, p{  
    color:rgb(119, 190, 169)  
}
```

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, 190, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 190, 169) }
```

Border

The CSS property to change the border of an element to RGB 119, 190, 169 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, 190, 169) }
```

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

```
.border{ border-color:rgb(119, 190, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 190, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 190, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 190, 169);  
box-shadow:4px 4px 4px 4px rgb(119, 190,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 119, 190, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 190, 169) }
```

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

```
.background{ background-color: rgb(119,  
190, 169) }
```

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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