

Converting Colors

RGB(119, 189, 166)

Have a look what the booklet for
RGB(119, 189, 166) contains.

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Color

RGB(119, 189, 166)

Conversions

Conversions Part 1

Format	Color
Hex	77BDA6
RGB	119, 189, 166
RGB Percent	47%, 74%, 65%
CMY	0.5333, 0.2588, 0.3490
CMYK	0.37, 0.00, 0.12, 0.26
HSL	160°, 35%, 60%
HSV	160°, 37%, 74%
XYZ	32.6883, 43.0703, 42.6669
YIQ	165.4480, -34.3370, -21.9930

Conversions

Conversions Part 2

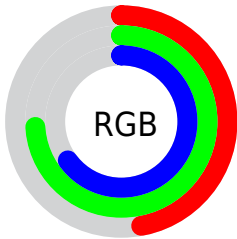
Format	Color
RYB	119, 161, 189
Decimal	7847334
CIELab	71.60, -27.29, 4.68
CIELCh	72, 27.685, 170.259
Yxy	43.0703, 0.2760, 0.3637
Android (android.graphics.Color)	4286037414 (0xFF77BDA6)
YUV	165.4480, 0.2721, -40.7349
Hunter-Lab	65.6280, -25.9409, 7.3932

Details

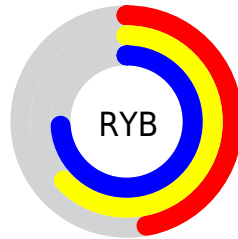
The RGB color **119, 189, 166** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **189, 119, 142**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **174, 246, 221**, and **66, 135, 114** is the 20% darker color. If you saturate the color by 10%, you get **100, 189, 160**, and if you desaturate by 10%, it is **138, 189, 172**.

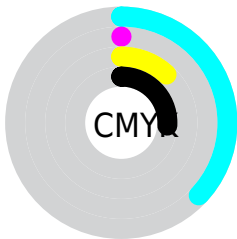
Distribution



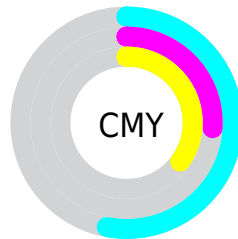
- Red (47%)
- Green (74%)
- Blue (65%)



- Red (47%)
- Yellow (63%)
- Blue (74%)



- Cyan (37%)
- Magenta (0%)
- Yellow (12%)
- Black (26%)



- Cyan (53%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 189, 166 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, 189, 166 by changing the saturation by 10% instead.

 119, 189, 166


255, 255, 255


 174, 246, 221


 202, 255, 250

 231, 255, 255

 119, 189, 166

 92, 162, 140

 66, 135, 114

 39, 110, 90

 3, 85, 66

 0, 61, 44

 0, 39, 24

 0, 11, 0


 0, 0, 0


 119, 189, 166


 119, 189, 166


 100, 189, 160


 138, 189, 172

 81, 189, 154


 157, 189, 178


 62, 189, 147

 176, 189, 185

 43, 189, 141

 195, 189, 191


 25, 189, 135

 214, 189, 197

 6, 189, 129

 232, 189, 203

 0, 189, 127

 251, 189, 209

 255, 189, 216

 255, 189, 222

Harmonies

Analogous

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



147, 185, 142



119, 189, 166



100, 189, 192

Triad

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



119, 189, 166



168, 172, 223



219, 163, 138

Complementary

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



119, 189, 166



189, 119, 142

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, 158, 159



119, 189, 166



200, 163, 208

Square

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



119, 189, 166



132, 180, 225



220, 158, 185



201, 171, 126

Rectangle

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



119, 189, 166



100, 188, 207



220, 158, 185



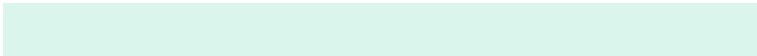
223, 161, 144

Sweetspot

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



119, 189, 166



218, 245, 236



142, 189, 119



106, 122, 117



250, 250, 250



122, 122, 122

Same Dimension

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



119, 189, 166



137, 245, 209



119, 177, 189



85, 94, 91



0, 158, 106



0, 31, 21

Inverse Universe

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



189, 119, 142



245, 137, 172



189, 131, 119



94, 85, 88



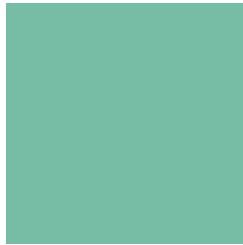
158, 0, 52



31, 0, 10

Previews

White Background



This preview shows how the RGB color 119, 189, 166 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, 189, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

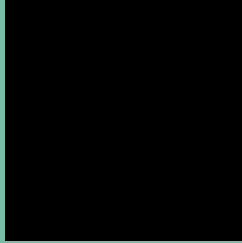
Any Text WCAG AA ✓ Pass

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, 189, 166 Background



This preview shows how black text looks on a background with the RGB color 119, 189, 166.

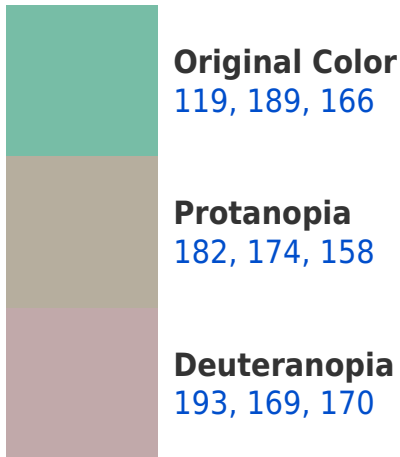


This preview shows how white text looks on a background with the RGB color 119, 189, 166.

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, 184, 199

Trichromacy



Original Color

119, 189, 166



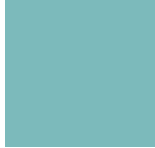
Protanomaly

159, 179, 161



Deuteranomaly

166, 176, 169



Tritanomaly

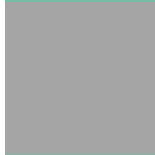
124, 186, 187

Monochromacy



Original Color

119, 189, 166



Achromatopsia

165, 165, 165



Achromatomaly

148, 174, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 189, 166 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, 189, 166)` looks like.

```
.text, #text, p{  
    color:rgb(119, 189, 166)  
}
```

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, 189, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 189, 166) }
```

Border

The CSS property to change the border of an element to RGB 119, 189, 166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

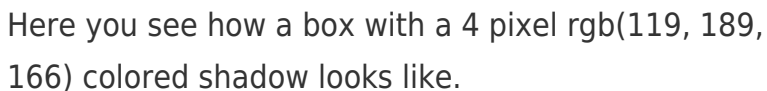
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 189, 166) }
```

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

```
.border{ border-color:rgb(119, 189, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 189, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 189, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 189, 166); box-shadow:4px 4px 4px 4px rgb(119, 189, 166) }
```

Background

The CSS property to change the background color of an element to RGB 119, 189, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 189, 166) }
```

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

```
.background{ background-color: rgb(119,  
189, 166) }
```

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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