

Converting Colors

RGB(116, 187, 159)

Have a look what the booklet for
RGB(116, 187, 159) contains.

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Color

RGB(116, 187, 159)

Conversions

Conversions Part 1

Format	Color
Hex	74BB9F
RGB	116, 187, 159
RGB Percent	45%, 73%, 62%
CMY	0.5451, 0.2667, 0.3765
CMYK	0.38, 0.00, 0.15, 0.27
HSL	156°, 34%, 59%
HSV	156°, 38%, 73%
XYZ	31.2308, 41.7569, 39.2147
YIQ	162.5790, -33.3280, -23.7600

Conversions

Conversions Part 2

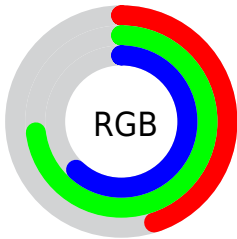
Format	Color
RYB	116, 160, 187
Decimal	7650207
CIELab	70.70, -28.69, 7.19
CIElCh	71, 29.581, 165.929
Yxy	41.7569, 0.2783, 0.3722
Android (android.graphics.Color)	4285840287 (0xFF74BB9F)
YUV	162.5790, -1.7644, -40.8498
Hunter-Lab	64.6195, -26.8147, 9.2532

Details

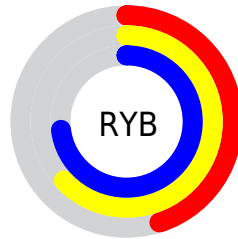
The RGB color **116, 187, 159** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187, 116, 144**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **171, 243, 214**, and **63, 133, 108** is the 20% darker color. If you saturate the color by 10%, you get **97, 187, 152**, and if you desaturate by 10%, it is **135, 187, 166**.

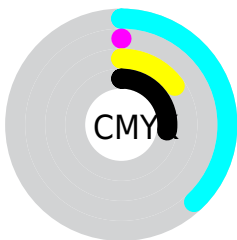
Distribution



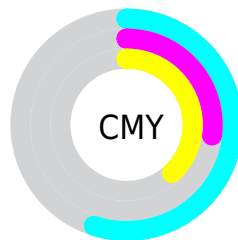
- Red (45%)
- Green (73%)
- Blue (62%)



- Red (45%)
- Yellow (63%)
- Blue (73%)



- Cyan (38%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 187, 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 116, 187, 159 by changing the saturation by 10% instead.


 116, 187, 159


255, 255, 255


 171, 243, 214


 199, 255, 242


 227, 255, 255

 116, 187, 159

 89, 160, 133

 63, 133, 108

 36, 108, 83

 0, 83, 60


 0, 59, 39

 0, 38, 18

 0, 5, 0

 0, 0, 0

 116, 187, 159

 116, 187, 159

■ 97, 187, 152

■ 135, 187, 166

■ 79, 187, 144

■ 153, 187, 174

■ 60, 187, 137

■ 172, 187, 181

■ 41, 187, 130

■ 191, 187, 188

■ 23, 187, 122

■ 210, 187, 196

■ 4, 187, 115

■ 228, 187, 203

■ 0, 187, 113

■ 247, 187, 211

■ 255, 187, 218

■ 255, 187, 225

Harmonies

Analogous

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



147, 183, 135



116, 187, 159



92, 188, 187

Triad

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



116, 187, 159



159, 171, 224



221, 158, 135

Complementary

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



116, 187, 159



187, 116, 144

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, 153, 159



116, 187, 159



195, 161, 211

Square

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



116, 187, 159



120, 179, 225



218, 154, 187



203, 167, 121

Rectangle

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



116, 187, 159



88, 187, 204



218, 154, 187



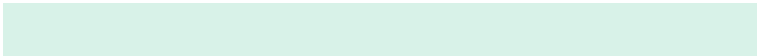
225, 156, 143

Sweetspot

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



116, 187, 159



216, 242, 232



144, 187, 116



106, 122, 116



250, 250, 250



122, 122, 122

Same Dimension

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



116, 187, 159



131, 242, 198



116, 180, 187



85, 94, 91



0, 158, 96



0, 31, 19

Inverse Universe

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



187, 116, 144



242, 131, 175



187, 123, 116



94, 85, 89



158, 0, 62



31, 0, 12

Previews

White Background



This preview shows how the RGB color 116, 187, 159 looks on a white background.

Color Contrast Check

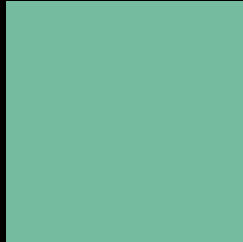
Large Text (above 18pt) WCAG AA × Fail

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 116, 187, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

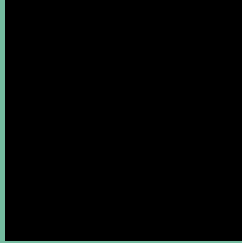
Any Text WCAG AA ✓ Pass

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 116, 187, 159 Background



This preview shows how black text looks on a background with the RGB color 116, 187, 159.

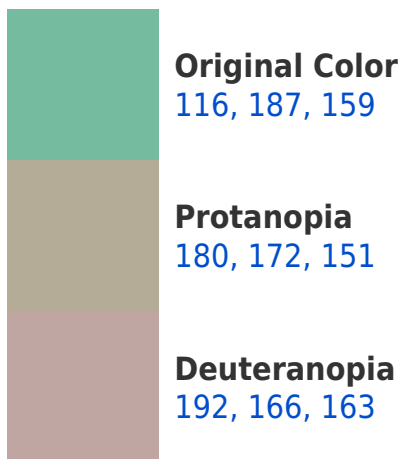


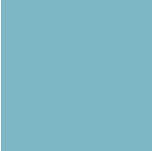
This preview shows how white text looks on a background with the RGB color 116, 187, 159.

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





Tritanopia
125, 182, 196

Trichromacy



Original Color

116, 187, 159



Protanomaly

157, 177, 154



Deuteranomaly

164, 174, 162



Tritanomaly

122, 184, 183

Monochromacy



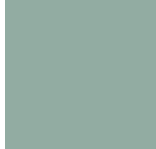
Original Color

116, 187, 159



Achromatopsia

163, 163, 163



Achromatomaly

146, 172, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 187, 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(116, 187, 159)` looks like.

```
.text, #text, p{  
    color:rgb(116, 187, 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(116, 187, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 187, 159) }
```

Border

The CSS property to change the border of an element to RGB 116, 187, 159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

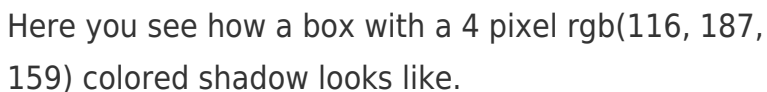
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 187, 159) }
```

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

```
.border{ border-color:rgb(116, 187, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 187, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 187, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 187, 159); box-shadow:4px 4px 4px 4px rgb(116, 187, 159) }
```

Background

The CSS property to change the background color of an element to RGB 116, 187, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 187, 159) }
```

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

```
.background{ background-color: rgb(116,  
187, 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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