

Converting Colors

RGB(116, 187, 183)

Have a look what the booklet for
RGB(116, 187, 183) contains.

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Color

RGB(116, 187, 183)

Conversions

Conversions Part 1

Format	Color
Hex	74BBB7
RGB	116, 187, 183
RGB Percent	45%, 73%, 72%
CMY	0.5451, 0.2667, 0.2824
CMYK	0.38, 0.00, 0.02, 0.27
HSL	177°, 34%, 59%
HSV	177°, 38%, 73%
XYZ	33.5200, 42.6725, 51.2697
YIQ	165.3150, -41.0320, -16.2960

Conversions

Conversions Part 2

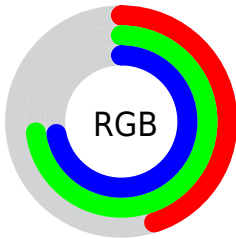
Format	Color
RYB	116, 153, 187
Decimal	7650231
CIELab	71.33, -23.17, -5.02
CIELCh	71, 23.712, 192.229
Yxy	42.6725, 0.2630, 0.3348
Android (android.graphics.Color)	4285840311 (0xFF74BBB7)
YUV	165.3150, 8.7187, -43.2493
Hunter-Lab	65.3242, -22.7231, -0.8068

Details

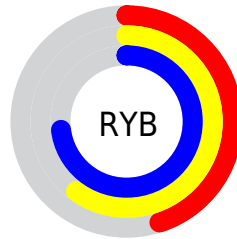
The RGB color **116, 187, 183** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **187, 116, 120**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **171, 243, 239**, and **62, 134, 130** is the 20% darker color. If you saturate the color by 10%, you get **97, 187, 182**, and if you desaturate by 10%, it is **135, 187, 184**.

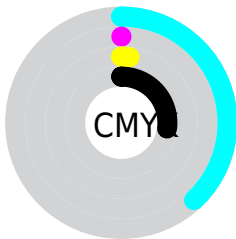
Distribution



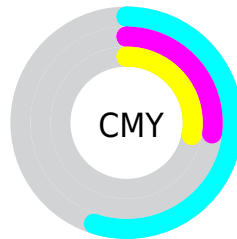
- Red (45%)
- Green (73%)
- Blue (72%)



- Red (45%)
- Yellow (60%)
- Blue (73%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 187, 183 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, 183 by changing the saturation by 10% instead.

 116, 187, 183


255, 255, 255


 171, 243, 239


 199, 255, 255

 228, 255, 255

 116, 187, 183

 89, 160, 156

 62, 134, 130

 33, 108, 105

 0, 83, 81

 0, 60, 58

 0, 38, 37

 0, 10, 16

 0, 0, 0

 116, 187, 183

 116, 187, 183

97, 187, 182

135, 187, 184

79, 187, 181

153, 187, 185

60, 187, 180

172, 187, 186

41, 187, 179

191, 187, 187

23, 187, 178

210, 187, 188

4, 187, 177

228, 187, 189

0, 187, 176

247, 187, 190

255, 187, 191

255, 187, 192

Harmonies

Analogous

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



133, 186, 161



116, 187, 183



114, 185, 203

Triad

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



116, 187, 183



189, 166, 207



202, 169, 134

Complementary

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



116, 187, 183



187, 116, 120

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.



216, 162, 147



116, 187, 183



210, 161, 188

Square

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



116, 187, 183



161, 174, 217



219, 159, 166



182, 176, 132

Rectangle

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



116, 187, 183



125, 182, 212



219, 159, 166



208, 167, 137

Sweetspot

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



116, 187, 183



216, 242, 241



121, 187, 116



106, 122, 122



250, 250, 250



122, 122, 122

Same Dimension

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



116, 187, 183



131, 242, 236



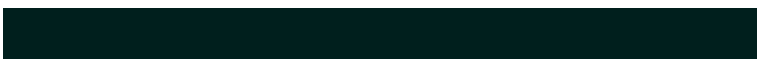
116, 156, 187



85, 94, 94



0, 158, 149



0, 31, 29

Inverse Universe

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



187, 116, 120



242, 131, 137



187, 147, 116



94, 85, 85



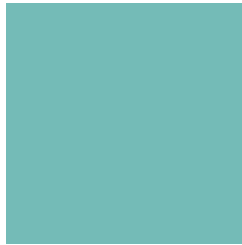
158, 0, 9



31, 0, 2

Previews

White Background



This preview shows how the RGB color 116, 187, 183 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, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

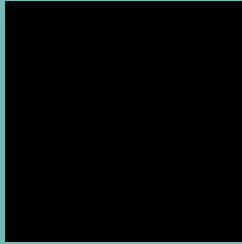
Any Text WCAG AA ✓ Pass

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, 183 Background



This preview shows how black text looks on a background with the RGB color 116, 187, 183.

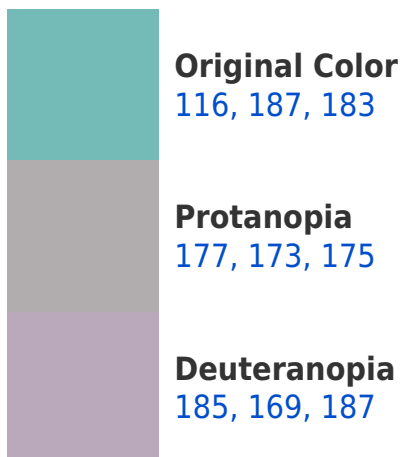


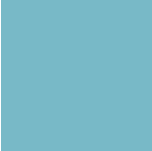
This preview shows how white text looks on a background with the RGB color 116, 187, 183.

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
120, 185, 199

Trichromacy



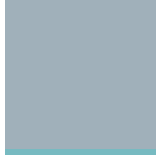
Original Color

116, 187, 183



Protanomaly

155, 178, 178



Deuteranomaly

160, 176, 186



Tritanomaly

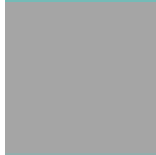
119, 186, 193

Monochromacy



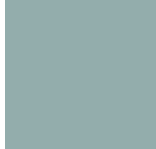
Original Color

116, 187, 183



Achromatopsia

165, 165, 165



Achromatomaly

147, 173, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 187, 183 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(116, 187, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 187, 183) }
```

Border

The CSS property to change the border of an element to RGB 116, 187, 183 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, 183) }
```

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

```
.border{ border-color:rgb(116, 187, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 187, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 187, 183);  
box-shadow:4px 4px 4px 4px rgb(116, 187,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 116, 187, 183 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, 183) }
```

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

```
.background{ background-color: rgb(116,  
187, 183) }
```

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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