

Converting Colors

RGB(102, 185, 183)

Have a look what the booklet for
RGB(102, 185, 183) contains.

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Color

RGB(102, 185, 183)

Conversions

Conversions Part 1

Format	Color
Hex	66B9B7
RGB	102, 185, 183
RGB Percent	40%, 73%, 72%
CMY	0.6000, 0.2745, 0.2824
CMYK	0.45, 0.00, 0.01, 0.27
HSL	179°, 37%, 56%
HSV	179°, 45%, 73%
XYZ	31.3757, 40.9416, 51.0486
YIQ	159.9550, -48.8260, -18.2180

Conversions

Conversions Part 2

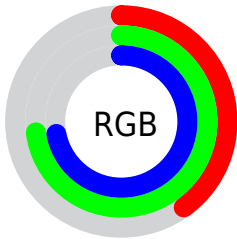
Format	Color
RYB	102, 144, 185
Decimal	6732215
CIELab	70.13, -25.71, -6.86
CIELCh	70, 26.613, 194.944
Yxy	40.9416, 0.2543, 0.3319
Android (android.graphics.Color)	4284922295 (0xFF66B9B7)
YUV	159.9550, 11.3612, -50.8265
Hunter-Lab	63.9856, -24.4464, -2.5124

Details

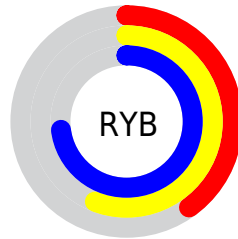
The RGB color **102, 185, 183** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **185, 102, 104**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **158, 241, 239**, and **44, 132, 130** is the 20% darker color. If you saturate the color by 10%, you get **84, 185, 183**, and if you desaturate by 10%, it is **121, 185, 183**.

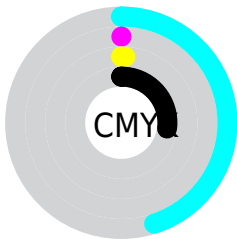
Distribution



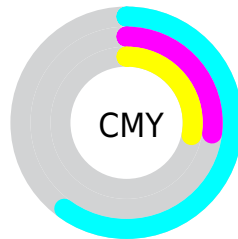
- Red (40%)
- Green (73%)
- Blue (72%)



- Red (40%)
- Yellow (56%)
- Blue (73%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (60%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 185, 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 102, 185, 183 by changing the saturation by 10% instead.

 102, 185, 183

255, 255, 255


 158, 241, 239


 186, 255, 255

 215, 255, 255

 245, 255, 255

 102, 185, 183

 74, 158, 156


 44, 132, 130

 0, 106, 105

 0, 82, 81

 0, 58, 58

 0, 36, 36

 0, 2, 16

 0, 0, 0

 102, 185, 183

 102, 185, 183

■ 84, 185, 183

■ 121, 185, 183

■ 65, 185, 182

■ 139, 185, 184

■ 47, 185, 182

■ 157, 185, 184

■ 28, 185, 181

■ 176, 185, 185

■ 9, 185, 181

■ 195, 185, 185

■ 0, 185, 181

■ 213, 185, 186

■ 232, 185, 186

■ 250, 185, 187

■ 255, 185, 187

Harmonies

Analogous

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



122, 184, 158



102, 185, 183



102, 183, 205

Triad

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



102, 185, 183



190, 161, 206



200, 166, 125

Complementary

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



102, 185, 183



185, 102, 104

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, 158, 138



102, 185, 183



212, 155, 185

Square

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



102, 185, 183



158, 170, 218



221, 154, 160



177, 174, 125

Rectangle

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



102, 185, 183



115, 179, 215



221, 154, 160



206, 163, 128

Sweetspot

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



102, 185, 183



209, 240, 239



105, 185, 102



101, 120, 119



247, 247, 247



120, 120, 120

Same Dimension

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



102, 185, 183



110, 240, 237



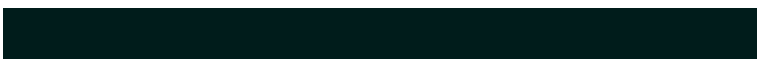
102, 146, 185



83, 92, 92



0, 156, 152



0, 28, 27

Inverse Universe

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



185, 102, 104



240, 110, 113



185, 141, 102



92, 83, 83



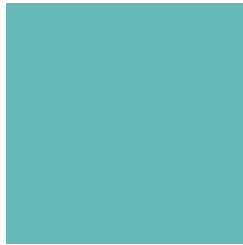
156, 0, 4



28, 0, 1

Previews

White Background



This preview shows how the RGB color 102, 185, 183 looks on a white background.

Color Contrast Check

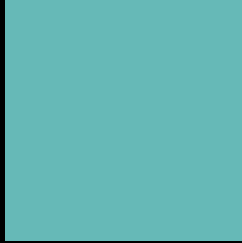
Large Text (above 18pt) WCAG AA × Fail

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 102, 185, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

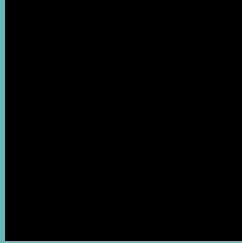
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

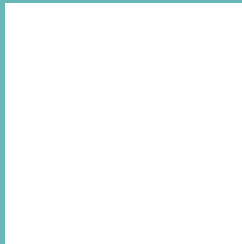
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 102, 185, 183 Background



This preview shows how black text looks on a background with the RGB color 102, 185, 183.

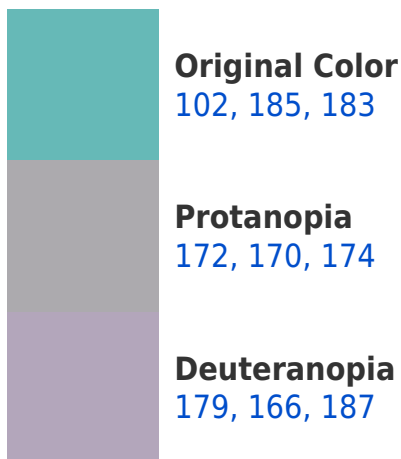


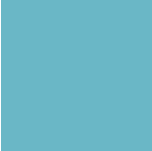
This preview shows how white text looks on a background with the RGB color 102, 185, 183.

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
106, 183, 198

Trichromacy



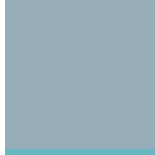
Original Color

102, 185, 183



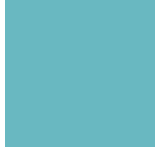
Protanomaly

147, 175, 177



Deuteranomaly

151, 173, 186



Tritanomaly

105, 184, 193

Monochromacy



Original Color

102, 185, 183



Achromatopsia

160, 160, 160



Achromatomaly

139, 169, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 185, 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(102, 185, 183)` looks like.

```
.text, #text, p{  
    color:rgb(102, 185, 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(102, 185, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 185, 183) }
```

Border

The CSS property to change the border of an element to RGB 102, 185, 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(102, 185, 183) }
```

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

```
.border{ border-color:rgb(102, 185, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 185, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 185, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 185, 183);  
box-shadow:4px 4px 4px 4px rgb(102, 185,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 102, 185, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 185, 183) }
```

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

```
.background{ background-color: rgb(102,  
185, 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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