

Converting Colors

RGB(103, 187, 190)

Have a look what the booklet for
RGB(103, 187, 190) contains.

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Color

RGB(103, 187, 190)

Conversions

Conversions Part 1

Format	Color
Hex	67BBBE
RGB	103, 187, 190
RGB Percent	40%, 73%, 75%
CMY	0.5961, 0.2667, 0.2549
CMYK	0.46, 0.02, 0.00, 0.25
HSL	182°, 40%, 57%
HSV	182°, 46%, 75%
XYZ	32.6581, 42.1419, 55.1281
YIQ	162.2260, -51.0270, -16.8750

Conversions

Conversions Part 2

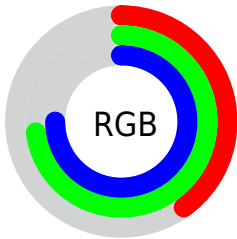
Format	Color
RYB	103, 146, 190
Decimal	6798270
CIELab	70.97, -24.66, -9.46
CIELCh	71, 26.413, 200.984
Yxy	42.1419, 0.2514, 0.3243
Android (android.graphics.Color)	4284988350 (0xFF67BBBE)
YUV	162.2260, 13.6926, -51.9412
Hunter-Lab	64.9168, -23.8053, -4.9080

Details

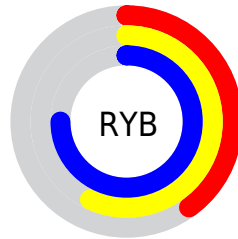
The RGB color **103, 187, 190** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **190, 106, 103**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **159, 243, 246**, and **44, 133, 137** is the 20% darker color. If you saturate the color by 10%, you get **84, 186, 190**, and if you desaturate by 10%, it is **122, 188, 190**.

Distribution



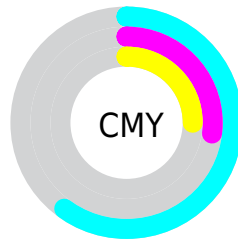
- Red (40%)
- Green (73%)
- Blue (75%)



- Red (40%)
- Yellow (57%)
- Blue (75%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 187, 190 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 103, 187, 190 by changing the saturation by 10% instead.

 103, 187, 190

255, 255, 255


 159, 243, 246


 188, 255, 255

 217, 255, 255


 246, 255, 255

 103, 187, 190


 75, 160, 163

 44, 133, 137

 0, 108, 111

 0, 83, 87

 0, 60, 64

 0, 38, 42

 0, 8, 22

 0, 0, 0

 103, 187, 190

 103, 187, 190

■ 84, 186, 190

■ 122, 188, 190

■ 65, 186, 190

■ 141, 188, 190

■ 46, 185, 190

■ 160, 189, 190

■ 27, 184, 190

■ 179, 190, 190

■ 8, 184, 190

■ 198, 190, 190

■ 0, 183, 190

■ 217, 191, 190

■ 236, 192, 190

■ 255, 192, 190

■ 255, 193, 190

Harmonies

Analogous

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



120, 187, 165



103, 187, 190



108, 184, 210

Triad

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



103, 187, 190



198, 162, 204



198, 170, 127

Complementary

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



103, 187, 190



190, 106, 103

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, 137



103, 187, 190



217, 157, 182

Square

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



103, 187, 190



168, 170, 218



223, 157, 158



174, 177, 128

Rectangle

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



103, 187, 190



123, 180, 219



223, 157, 158



205, 167, 129

Sweetspot

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



103, 187, 190



213, 246, 247



103, 190, 106



104, 124, 125



252, 252, 252



125, 125, 125

Same Dimension

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



103, 187, 190



111, 243, 247



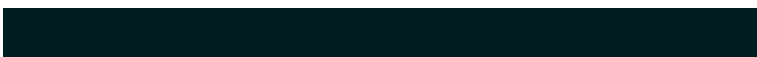
103, 144, 190



85, 94, 94



0, 153, 158



0, 30, 31

Inverse Universe

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



190, 103, 187



247, 111, 243



190, 149, 103



94, 85, 94



158, 0, 153



31, 0, 30

Previews

White Background



This preview shows how the RGB color 103, 187, 190 looks on a white background.

Color Contrast Check

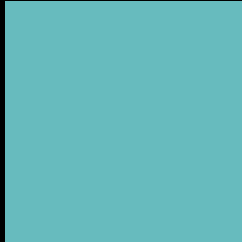
Large Text (above 18pt) WCAG AA × Fail

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 103, 187, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

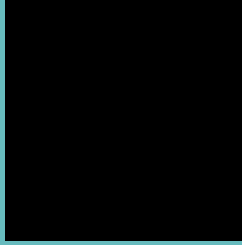
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

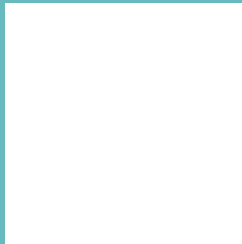
Any Text WCAG AAA ✓ Pass

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

RGB 103, 187, 190 Background



This preview shows how black text looks on a background with the RGB color 103, 187, 190.

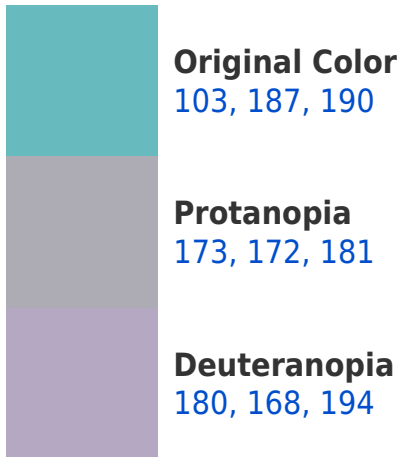


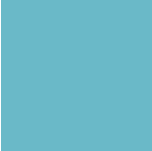
This preview shows how white text looks on a background with the RGB color 103, 187, 190.

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, 185, 200

Trichromacy



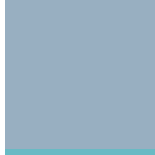
Original Color

103, 187, 190



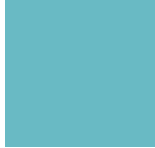
Protanomaly

148, 177, 184



Deuteranomaly

152, 175, 193



Tritanomaly

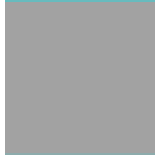
105, 186, 196

Monochromacy



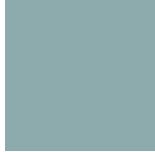
Original Color

103, 187, 190



Achromatopsia

162, 162, 162



Achromatomaly

141, 171, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 187, 190 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(103, 187, 190)` looks like.

```
.text, #text, p{  
    color:rgb(103, 187, 190)  
}
```

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(103, 187, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 187, 190) }
```

Border

The CSS property to change the border of an element to RGB 103, 187, 190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

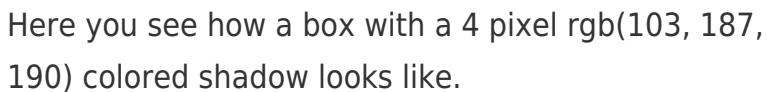
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 187, 190) }
```

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

```
.border{ border-color:rgb(103, 187, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 187, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 187, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 187, 190); box-shadow:4px 4px 4px 4px rgb(103, 187, 190) }
```

Background

The CSS property to change the background color of an element to RGB 103, 187, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 187, 190) }
```

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

```
.background{ background-color: rgb(103,  
187, 190) }
```

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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