

Converting Colors

RGB(101, 191, 191)

Have a look what the booklet for
RGB(101, 191, 191) contains.

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Color

RGB(101, 191, 191)

Conversions

Conversions Part 1

Format	Color
Hex	65BFBF
RGB	101, 191, 191
RGB Percent	40%, 75%, 75%
CMY	0.6039, 0.2510, 0.2510
CMYK	0.47, 0.00, 0.00, 0.25
HSL	180°, 41%, 57%
HSV	180°, 47%, 75%
XYZ	33.4016, 43.7899, 55.9821
YIQ	164.0900, -53.6400, -19.0800

Conversions

Conversions Part 2

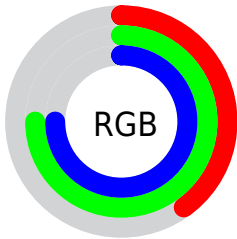
Format	Color
RYB	101, 146, 191
Decimal	6668223
CIELab	72.09, -26.85, -8.35
CIElCh	72, 28.115, 197.273
Yxy	43.7899, 0.2508, 0.3288
Android (android.graphics.Color)	4284858303 (0xFF65BFBF)
YUV	164.0900, 13.2666, -55.3299
Hunter-Lab	66.1739, -25.7057, -3.8366

Details

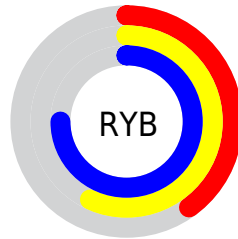
The RGB color **101, 191, 191** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **191, 101, 101**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **158, 248, 247**, and **40, 137, 138** is the 20% darker color. If you saturate the color by 10%, you get **82, 191, 191**, and if you desaturate by 10%, it is **120, 191, 191**.

Distribution



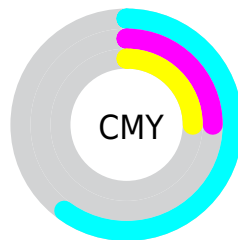
- Red (40%)
- Green (75%)
- Blue (75%)



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



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)




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

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 191, 191 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 101, 191, 191 by changing the saturation by 10% instead.

 101, 191, 191


255, 255, 255


 158, 248, 247


 187, 255, 255


 216, 255, 255


 245, 255, 255

 101, 191, 191

 72, 164, 164

 40, 137, 138

 0, 111, 112


 0, 87, 88


 0, 63, 65

 0, 40, 43

 0, 15, 23

 0, 0, 0

 101, 191, 191

 101, 191, 191

■ 82, 191, 191

■ 120, 191, 191

■ 63, 191, 191

■ 139, 191, 191

■ 44, 191, 191

■ 158, 191, 191

■ 25, 191, 191

■ 177, 191, 191

■ 5, 191, 191

■ 196, 191, 191

■ 0, 191, 191

■ 216, 191, 191

■ 235, 191, 191

■ 254, 191, 191

■ 255, 191, 191

Harmonies

Analogous

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



122, 190, 165



101, 191, 191



102, 188, 214

Triad

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



101, 191, 191



199, 165, 212



205, 171, 127

Complementary

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



101, 191, 191



191, 101, 101

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.



223, 163, 140



101, 191, 191



221, 159, 189

Square

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



101, 191, 191



166, 174, 225



229, 158, 163



180, 180, 127

Rectangle

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



101, 191, 191



118, 185, 223



229, 158, 163



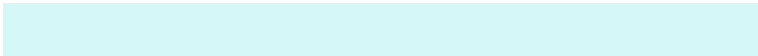
212, 168, 130

Sweetspot

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



101, 191, 191



213, 247, 247



101, 191, 101



104, 125, 125



252, 252, 252



125, 125, 125

Same Dimension

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



101, 191, 191



106, 247, 247



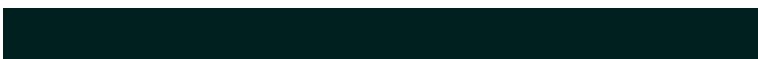
101, 146, 191



85, 94, 94



0, 158, 158



0, 31, 31

Inverse Universe

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



191, 101, 191



247, 106, 247



191, 146, 101



94, 85, 94



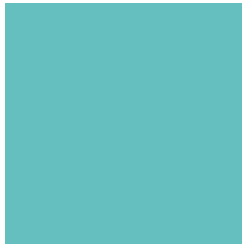
158, 0, 158



31, 0, 31

Previews

White Background



This preview shows how the RGB color 101, 191, 191 looks on a white background.

Color Contrast Check

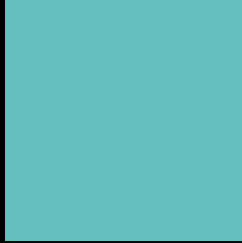
Large Text (above 18pt) WCAG AA × Fail

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 101, 191, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

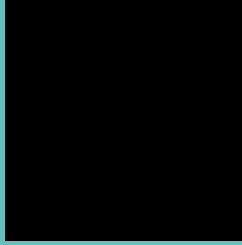
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

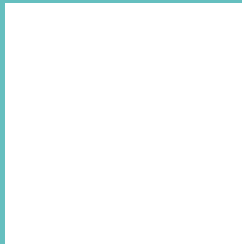
Any Text WCAG AAA ✓ Pass

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

RGB 101, 191, 191 Background



This preview shows how black text looks on a background with the RGB color 101, 191, 191.

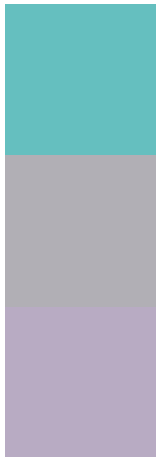


This preview shows how white text looks on a background with the RGB color 101, 191, 191.

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](#).

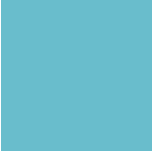
Dichromacy



Original Color
101, 191, 191

Protanopia
177, 175, 181

Deuteranopia
184, 171, 195



Tritanopia
105, 189, 204

Trichromacy



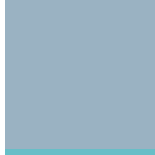
Original Color

101, 191, 191



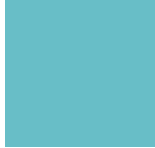
Protanomaly

149, 181, 185



Deuteranomaly

154, 178, 194



Tritanomaly

104, 190, 199

Monochromacy



Original Color

101, 191, 191



Achromatopsia

164, 164, 164



Achromatomaly

141, 174, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 191, 191 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(101, 191, 191)` looks like.

```
.text, #text, p{  
    color:rgb(101, 191, 191)  
}
```

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(101, 191, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 191, 191) }
```

Border

The CSS property to change the border of an element to RGB 101, 191, 191 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(101, 191, 191) }
```

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

```
.border{ border-color:rgb(101, 191, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 191, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 191, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 191, 191);  
box-shadow:4px 4px 4px 4px rgb(101, 191,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 101, 191, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 191, 191) }
```

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

```
.background{ background-color: rgb(101,  
191, 191) }
```

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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