

Converting Colors

RGB(96, 189, 202)

Have a look what the booklet for
RGB(96, 189, 202) contains.

RGB(96, 189, 202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(96, 189, 202)

Conversions

Conversions Part 1

Format	Color
Hex	60BDCA
RGB	96, 189, 202
RGB Percent	38%, 74%, 79%
CMY	0.6235, 0.2588, 0.2078
CMYK	0.52, 0.06, 0.00, 0.21
HSL	187°, 50%, 58%
HSV	187°, 52%, 79%
XYZ	33.6821, 43.1463, 62.4299
YIQ	162.6750, -59.6010, -15.6730

Conversions

Conversions Part 2

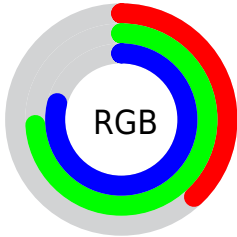
Format	Color
RYB	96, 146, 202
Decimal	6340042
CIELab	71.65, -23.99, -15.02
CIELCh	72, 28.309, 212.056
Yxy	43.1463, 0.2419, 0.3098
Android (android.graphics.Color)	4284530122 (0xFF60BDCA)
YUV	162.6750, 19.3872, -58.4740
Hunter-Lab	65.6858, -23.4196, -10.3711

Details

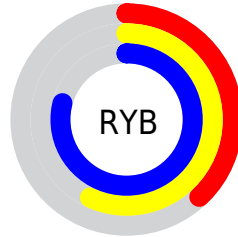
The RGB color **96, 189, 202** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **202, 109, 96**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **154, 245, 255**, and **29, 135, 148** is the 20% darker color. If you saturate the color by 10%, you get **76, 187, 202**, and if you desaturate by 10%, it is **116, 191, 202**.

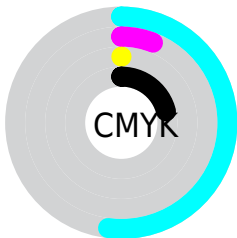
Distribution



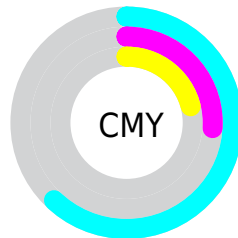
- Red (38%)
- Green (74%)
- Blue (79%)



- Red (38%)
- Yellow (57%)
- Blue (79%)



- Cyan (52%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



















- Cyan (62%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 96, 189, 202 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 96, 189, 202 by changing the saturation by 10% instead.

 96, 189, 202	 96, 189, 202
 255, 255, 255	 66, 162, 175
 154, 245, 255	 29, 135, 148
 183, 255, 255	 0, 110, 122
 212, 255, 255	 0, 85, 97
 242, 255, 255	 0, 62, 74
	 0, 39, 51
	 0, 13, 30
	 0, 0, 2
	 0, 0, 0

■ 96, 189, 202

■ 96, 189, 202

■ 76, 187, 202

■ 116, 191, 202

■ 56, 184, 202

■ 136, 194, 202

■ 35, 182, 202

■ 157, 196, 202

■ 15, 179, 202

■ 177, 199, 202

■ 0, 177, 202

■ 197, 201, 202

■ 217, 204, 202

■ 237, 206, 202

■ 255, 209, 202

■ 255, 211, 202

Harmonies

Analogous

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



108, 190, 176



96, 189, 202



111, 185, 220

Triad

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



96, 189, 202



210, 160, 200



192, 174, 124

Complementary

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



96, 189, 202



202, 109, 96

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.



214, 166, 131



96, 189, 202



226, 157, 175

Square

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



96, 189, 202



182, 168, 219



226, 159, 149



165, 182, 131

Rectangle

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



96, 189, 202



133, 180, 226



226, 159, 149



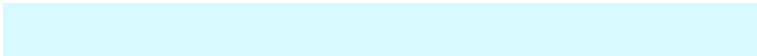
201, 172, 125

Sweetspot

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



96, 189, 202



214, 250, 255



96, 202, 108



103, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



96, 189, 202



94, 235, 255



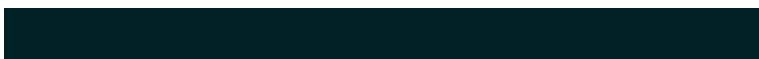
96, 137, 202



92, 101, 102



0, 145, 166



0, 34, 38

Inverse Universe

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



202, 96, 189



255, 94, 235



202, 161, 96



102, 92, 101



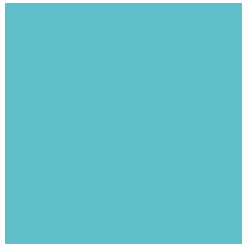
166, 0, 145



38, 0, 34

Previews

White Background



This preview shows how the RGB color 96, 189, 202 looks on a white background.

Color Contrast Check

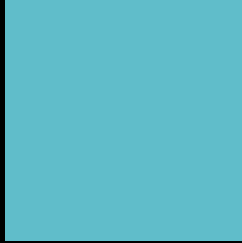
Large Text (above 18pt) WCAG AA × Fail

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 96, 189, 202 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 96, 189, 202 Background



This preview shows how black text looks on a background with the RGB color 96, 189, 202.

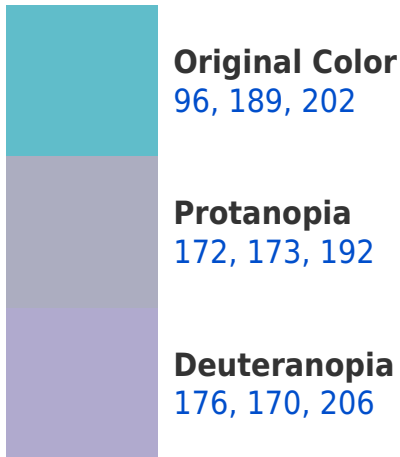


This preview shows how white text looks on a background with the RGB color 96, 189, 202.

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
97, 189, 204

Trichromacy



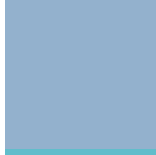
Original Color

96, 189, 202



Protanomaly

144, 179, 196



Deuteranomaly

147, 177, 205



Tritanomaly

97, 189, 203

Monochromacy



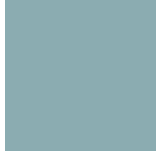
Original Color

96, 189, 202



Achromatopsia

163, 163, 163



Achromatomaly

139, 172, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 96, 189, 202 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(96, 189, 202) looks like.

```
.text, #text, p{  
    color:rgb(96, 189, 202)  
}
```

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(96, 189, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 189, 202) }
```

Border

The CSS property to change the border of an element to RGB 96, 189, 202 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(96, 189, 202) }
```

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

```
.border{ border-color:rgb(96, 189, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 189, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 189, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 189, 202);  
box-shadow:4px 4px 4px 4px rgb(96, 189,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 96, 189, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 189, 202) }
```

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

```
.background{ background-color: rgb(96, 189,  
202) }
```

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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