

Converting Colors

RGB(92, 176, 194)

Have a look what the booklet for
RGB(92, 176, 194) contains.

RGB(92, 176, 194)	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(92, 176, 194)

Conversions

Conversions Part 1

Format	Color
Hex	5CB0C2
RGB	92, 176, 194
RGB Percent	36%, 69%, 76%
CMY	0.6392, 0.3098, 0.2392
CMYK	0.53, 0.09, 0.00, 0.24
HSL	191°, 46%, 56%
HSV	191°, 53%, 76%
XYZ	29.6766, 37.2210, 56.6592
YIQ	152.9360, -55.8420, -12.2100

Conversions

Conversions Part 2

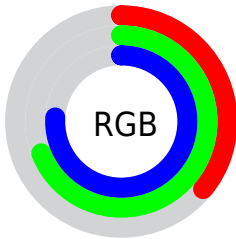
Format	Color
RYB	92, 138, 194
Decimal	6074562
CIELab	67.44, -20.46, -17.00
CIELCh	67, 26.602, 219.722
Yxy	37.2210, 0.2402, 0.3012
Android (android.graphics.Color)	4284264642 (0xFF5CB0C2)
YUV	152.9360, 20.2446, -53.4409
Hunter-Lab	61.0090, -19.9382, -12.3564

Details

The RGB color **92, 176, 194** is a light color, and the websafe version is hex **669999**. The color can be described as light muted azure. A complement of this color would be **194, 110, 92**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **149, 232, 251**, and **26, 123, 140** is the 20% darker color. If you saturate the color by 10%, you get **73, 173, 194**, and if you desaturate by 10%, it is **111, 179, 194**.

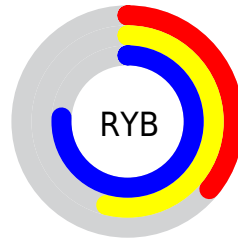
Distribution



Red (36%)

Green (69%)

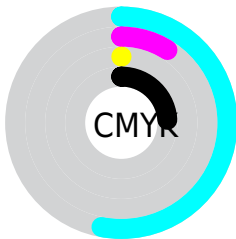
Blue (76%)



Red (36%)

Yellow (54%)

Blue (76%)

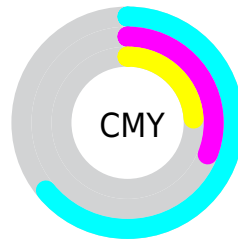


Cyan (53%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (64%)


Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 92, 176, 194 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 92, 176, 194 by changing the saturation by 10% instead.

 92, 176, 194


255, 255, 255


 149, 232, 251


 178, 255, 255

 207, 255, 255

 236, 255, 255

 92, 176, 194

 62, 149, 167


 26, 123, 140

 0, 98, 115


 0, 74, 90


 0, 51, 67

 0, 31, 44

 0, 1, 24

 0, 0, 0

 92, 176, 194

 92, 176, 194

■ 73, 173, 194

■ 111, 179, 194

■ 53, 169, 194

■ 131, 183, 194

■ 34, 166, 194

■ 150, 186, 194

■ 14, 162, 194

■ 170, 190, 194

■ 0, 160, 194

■ 189, 193, 194

■ 208, 197, 194

■ 228, 200, 194

■ 247, 203, 194

■ 255, 207, 194

Harmonies

Analogous

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



97, 178, 171



92, 176, 194



112, 171, 209

Triad

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



92, 176, 194



201, 149, 181



174, 165, 117

Complementary

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



92, 176, 194



194, 110, 92

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.



196, 157, 120



92, 176, 194



212, 147, 157

Square

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



92, 176, 194



178, 155, 201



210, 150, 135



147, 172, 127

Rectangle

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



92, 176, 194



134, 166, 212



210, 150, 135



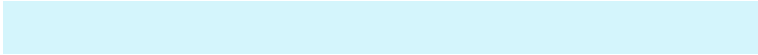
182, 163, 116

Sweetspot

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



92, 176, 194



212, 245, 252



92, 194, 109



103, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



92, 176, 194



93, 224, 252



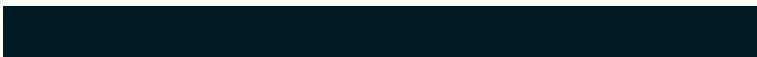
92, 126, 194



87, 95, 97



0, 132, 161



0, 27, 33

Inverse Universe

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



194, 92, 176



252, 93, 224



194, 160, 92



97, 87, 95



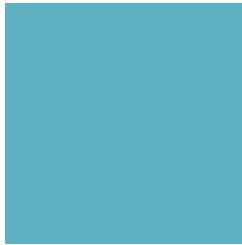
161, 0, 132



33, 0, 27

Previews

White Background



This preview shows how the RGB color 92, 176, 194 looks on a white background.

Color Contrast Check

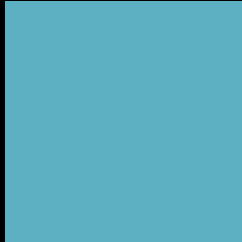
Large Text (above 18pt) WCAG AA × Fail

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 92, 176, 194 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 92, 176, 194 Background



This preview shows how black text looks on a background with the RGB color 92, 176, 194.

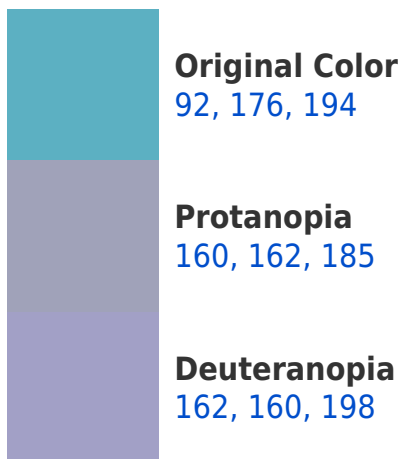


This preview shows how white text looks on a background with the RGB color 92, 176, 194.

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
91, 177, 191

Trichromacy



Original Color

92, 176, 194



Protanomaly

135, 167, 188



Deuteranomaly

137, 166, 197



Tritanomaly

91, 177, 192

Monochromacy



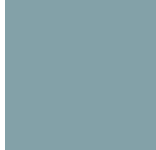
Original Color

92, 176, 194



Achromatopsia

153, 153, 153



Achromatomaly

131, 161, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 92, 176, 194 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(92, 176, 194)` looks like.

```
.text, #text, p{  
    color:rgb(92, 176, 194)  
}
```

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(92, 176, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 176, 194) }
```

Border

The CSS property to change the border of an element to RGB 92, 176, 194 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(92, 176, 194) }
```

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

```
.border{ border-color:rgb(92, 176, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 176, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 176, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 176, 194);  
box-shadow:4px 4px 4px 4px rgb(92, 176,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 92, 176, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 176, 194) }
```

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

```
.background{ background-color: rgb(92, 176,  
194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor