

Converting Colors

RGB(93, 184, 193)

Have a look what the booklet for
RGB(93, 184, 193) contains.

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Color

RGB(93, 184, 193)

Conversions

Conversions Part 1

Format	Color
Hex	5DB8C1
RGB	93, 184, 193
RGB Percent	36%, 72%, 76%
CMY	0.6353, 0.2784, 0.2431
CMYK	0.52, 0.05, 0.00, 0.24
HSL	185°, 45%, 56%
HSV	185°, 52%, 76%
XYZ	31.2803, 40.4584, 56.6127
YIQ	157.8170, -57.1250, -16.4930

Conversions

Conversions Part 2

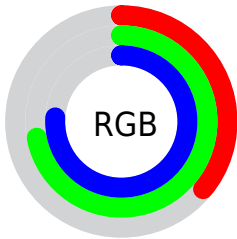
Format	Color
RYB	93, 141, 193
Decimal	6142145
CIELab	69.79, -24.60, -12.90
CIElCh	70, 27.775, 207.677
Yxy	40.4584, 0.2437, 0.3152
Android (android.graphics.Color)	4284332225 (0xFF5DB8C1)
YUV	157.8170, 17.3452, -56.8445
Hunter-Lab	63.6069, -23.5301, -8.2456

Details

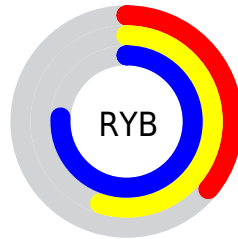
The RGB color **93, 184, 193** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **193, 102, 93**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **150, 240, 249**, and **27, 131, 140** is the 20% darker color. If you saturate the color by 10%, you get **74, 182, 193**, and if you desaturate by 10%, it is **112, 186, 193**.

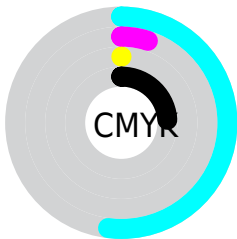
Distribution



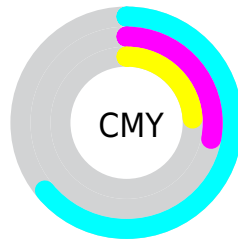
- Red (36%)
- Green (72%)
- Blue (76%)



- Red (36%)
- Yellow (55%)
- Blue (76%)



- Cyan (52%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)




- Cyan (64%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 93, 184, 193 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 93, 184, 193 by changing the saturation by 10% instead.

 93, 184, 193


255, 255, 255


 150, 240, 249


 179, 255, 255

 208, 255, 255

 238, 255, 255

 93, 184, 193

 63, 157, 166

 27, 131, 140

 0, 105, 114


 0, 81, 90


 0, 57, 66

 0, 36, 44

 0, 1, 24

 0, 0, 0

 93, 184, 193

 93, 184, 193

■ 74, 182, 193

■ 112, 186, 193

■ 54, 181, 193

■ 132, 187, 193

■ 35, 179, 193

■ 151, 189, 193

■ 16, 177, 193

■ 170, 191, 193

■ 0, 176, 193

■ 189, 193, 193

■ 209, 194, 193

■ 228, 196, 193

■ 247, 198, 193

■ 255, 200, 193

Harmonies

Analogous

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



108, 184, 168



93, 184, 193



104, 180, 212

Triad

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



93, 184, 193



201, 157, 198



190, 168, 120

Complementary

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



93, 184, 193



193, 102, 93

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.



211, 160, 129



93, 184, 193



218, 152, 173

Square

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



93, 184, 193



172, 165, 215



221, 153, 148



164, 176, 125

Rectangle

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



93, 184, 193



124, 176, 219



221, 153, 148



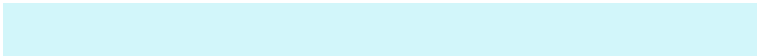
198, 165, 122

Sweetspot

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



93, 184, 193



210, 246, 250



93, 193, 101



101, 123, 125



252, 252, 252



125, 125, 125

Same Dimension

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



93, 184, 193



95, 236, 250



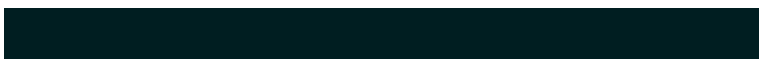
93, 135, 193



87, 96, 97



0, 146, 161



0, 30, 33

Inverse Universe

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



193, 93, 184



250, 95, 236



193, 151, 93



97, 87, 96



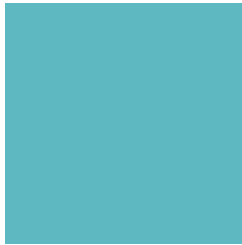
161, 0, 146



33, 0, 30

Previews

White Background



This preview shows how the RGB color 93, 184, 193 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 93, 184, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

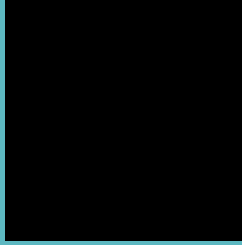
Any Text WCAG AA ✓ Pass

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 93, 184, 193 Background



This preview shows how black text looks on a background with the RGB color 93, 184, 193.

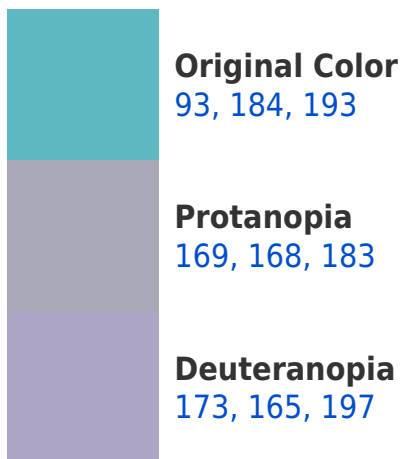


This preview shows how white text looks on a background with the RGB color 93, 184, 193.

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
95, 183, 198

Trichromacy



Original Color
93, 184, 193



Protanomaly
141, 174, 187



Deuteranomaly
144, 172, 196



Tritanomaly
94, 183, 196

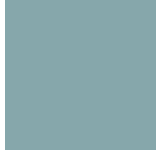
Monochromacy



Original Color
93, 184, 193



Achromatopsia
158, 158, 158



Achromatomaly
134, 167, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 184, 193 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(93, 184, 193)` looks like.

```
.text, #text, p{  
    color:rgb(93, 184, 193)  
}
```

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(93, 184, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 184, 193) }
```

Border

The CSS property to change the border of an element to RGB 93, 184, 193 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(93, 184, 193) }
```

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

```
.border{ border-color:rgb(93, 184, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 184, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 184, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 184, 193);  
box-shadow:4px 4px 4px 4px rgb(93, 184,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 93, 184, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 184, 193) }
```

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

```
.background{ background-color: rgb(93, 184,  
193) }
```

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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