

Converting Colors

RGB(93, 190, 206)

Have a look what the booklet for
RGB(93, 190, 206) contains.

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Color

RGB(93, 190, 206)

Conversions

Conversions Part 1

Format	Color
Hex	5DBECE
RGB	93, 190, 206
RGB Percent	36%, 75%, 81%
CMY	0.6353, 0.2549, 0.1922
CMYK	0.55, 0.08, 0.00, 0.19
HSL	188°, 54%, 59%
HSV	188°, 55%, 81%
XYZ	34.0682, 43.6103, 65.0146
YIQ	162.8210, -62.9480, -15.5880

Conversions

Conversions Part 2

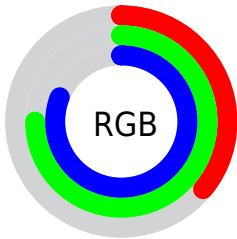
Format	Color
RYB	93, 145, 206
Decimal	6143694
CIELab	71.97, -24.00, -16.75
CIELCh	72, 29.262, 214.912
Yxy	43.6103, 0.2388, 0.3056
Android (android.graphics.Color)	4284333774 (0xFF5DBECE)
YUV	162.8210, 21.2872, -61.2330
Hunter-Lab	66.0381, -23.4807, -12.1444

Details

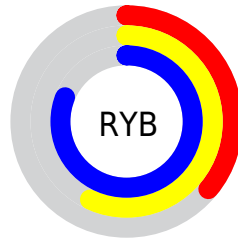
The RGB color **93, 190, 206** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **206, 109, 93**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **152, 247, 255**, and **20, 136, 152** is the 20% darker color. If you saturate the color by 10%, you get **72, 187, 206**, and if you desaturate by 10%, it is **114, 193, 206**.

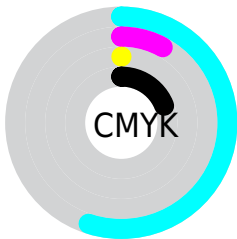
Distribution



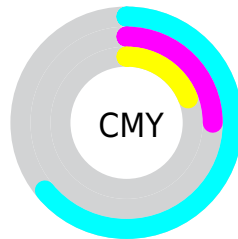
- Red (36%)
- Green (75%)
- Blue (81%)



- Red (36%)
- Yellow (57%)
- Blue (81%)



- Cyan (55%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



















- Cyan (64%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 93, 190, 206 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, 190, 206 by changing the saturation by 10% instead.

 93, 190, 206	 93, 190, 206
 255, 255, 255	 62, 163, 178
 152, 247, 255	 20, 136, 152
 181, 255, 255	 0, 111, 126
 210, 255, 255	 0, 86, 101
 240, 255, 255	 0, 62, 77
	 0, 40, 54
	 0, 15, 33
	 0, 0, 7
	 0, 0, 0

■ 93, 190, 206

■ 93, 190, 206

■ 72, 187, 206

■ 114, 193, 206

■ 52, 184, 206

■ 134, 196, 206

■ 31, 181, 206

■ 155, 199, 206

■ 11, 178, 206

■ 175, 202, 206

■ 0, 177, 206

■ 196, 205, 206

■ 217, 208, 206

■ 237, 210, 206

■ 255, 213, 206

■ 255, 216, 206

Harmonies

Analogous

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



104, 191, 180



93, 190, 206



112, 185, 224

Triad

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



93, 190, 206



214, 160, 200



191, 176, 123

Complementary

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



93, 190, 206



206, 109, 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.



215, 167, 129



93, 190, 206



229, 157, 173

Square

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



93, 190, 206



186, 168, 220



228, 160, 147



162, 184, 132

Rectangle

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



93, 190, 206



136, 180, 229



228, 160, 147



200, 173, 123

Sweetspot

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



93, 190, 206



214, 249, 255



93, 206, 108



103, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



93, 190, 206



87, 231, 255



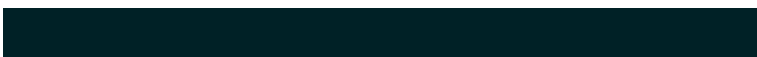
93, 134, 206



92, 101, 102



0, 142, 166



0, 33, 38

Inverse Universe

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



206, 93, 190



255, 87, 231



206, 165, 93



102, 92, 101



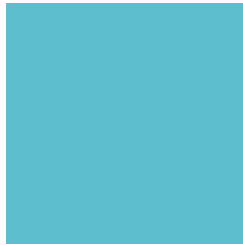
166, 0, 142



38, 0, 33

Previews

White Background



This preview shows how the RGB color 93, 190, 206 looks on a white background.

Color Contrast Check

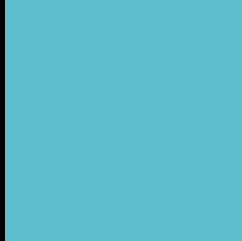
Large Text (above 18pt) WCAG AA × Fail

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, 190, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

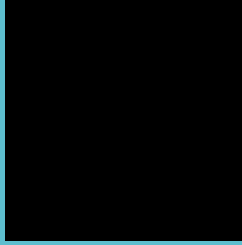
Any Text WCAG AA ✓ Pass

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, 190, 206 Background



This preview shows how black text looks on a background with the RGB color 93, 190, 206.

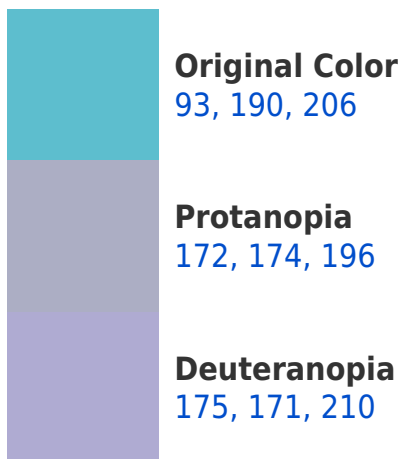


This preview shows how white text looks on a background with the RGB color 93, 190, 206.

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
93, 190, 205

Trichromacy



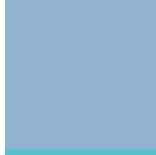
Original Color

93, 190, 206



Protanomaly

143, 180, 200



Deuteranomaly

145, 178, 209



Tritanomaly

93, 190, 205

Monochromacy



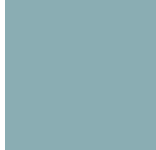
Original Color

93, 190, 206



Achromatopsia

163, 163, 163



Achromatomaly

138, 173, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 190, 206 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, 190, 206)` looks like.

```
.text, #text, p{  
    color:rgb(93, 190, 206)  
}
```

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, 190, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 190, 206) }
```

Border

The CSS property to change the border of an element to RGB 93, 190, 206 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, 190, 206) }
```

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

```
.border{ border-color:rgb(93, 190, 206) }
```

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

Here you see how a box with a 4 pixel rgb(93, 190, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 190, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 190, 206);  
box-shadow:4px 4px 4px 4px rgb(93, 190,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 93, 190, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 190, 206) }
```

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

```
.background{ background-color: rgb(93, 190,  
206) }
```

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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