

Converting Colors

RGB(93, 192, 179)

Have a look what the booklet for
RGB(93, 192, 179) contains.

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Color

RGB(93, 192, 179)

Conversions

Conversions Part 1

Format	Color
Hex	5DC0B3
RGB	93, 192, 179
RGB Percent	36%, 75%, 70%
CMY	0.6353, 0.2471, 0.2980
CMYK	0.52, 0.00, 0.07, 0.25
HSL	172°, 44%, 56%
HSV	172°, 52%, 75%
XYZ	31.5005, 43.2811, 49.3417
YIQ	160.9170, -54.8310, -25.0310

Conversions

Conversions Part 2

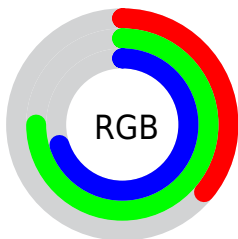
Format	Color
RYB	93, 146, 192
Decimal	6144179
CIELab	71.75, -32.20, -2.33
CIELCh	72, 32.281, 184.148
Yxy	43.2811, 0.2538, 0.3487
Android (android.graphics.Color)	4284334259 (0xFF5DC0B3)
YUV	160.9170, 8.9149, -59.5632
Hunter-Lab	65.7884, -29.6610, 1.5840

Details

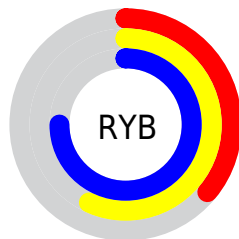
The RGB color **93, 192, 179** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **192, 93, 106**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **150, 249, 235**, and **27, 138, 126** is the 20% darker color. If you saturate the color by 10%, you get **74, 192, 176**, and if you desaturate by 10%, it is **112, 192, 182**.

Distribution



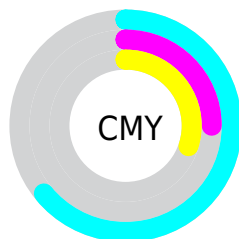
- Red (36%)
- Green (75%)
- Blue (70%)



- Red (36%)
- Yellow (57%)
- Blue (75%)



- Cyan (52%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (64%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 93, 192, 179 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, 192, 179 by changing the saturation by 10% instead.



93, 192, 179



93, 192, 179

255, 255, 255



63, 165, 152



150, 249, 235



27, 138, 126



179, 255, 255



0, 112, 101



208, 255, 255



0, 87, 78



238, 255, 255



0, 63, 55



0, 41, 34



0, 12, 12



0, 0, 0



93, 192, 179



93, 192, 179

■ 74, 192, 176

■ 112, 192, 182

■ 55, 192, 174

■ 131, 192, 184

■ 35, 192, 171

■ 151, 192, 187

■ 16, 192, 169

■ 170, 192, 189

■ 0, 192, 167

■ 189, 192, 192

■ 208, 192, 194

■ 227, 192, 197

■ 247, 192, 199

■ 255, 192, 202

Harmonies

Analogous

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



126, 190, 149



93, 192, 179



77, 191, 208

Triad

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



93, 192, 179



185, 167, 225



218, 165, 124

Complementary

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



93, 192, 179



192, 93, 106

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.



232, 157, 144



93, 192, 179



217, 158, 202

Square

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



93, 192, 179



143, 177, 234



233, 154, 173



192, 175, 117

Rectangle

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



93, 192, 179



88, 188, 223



233, 154, 173



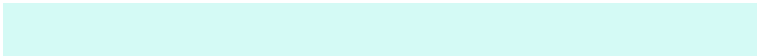
224, 162, 129

Sweetspot

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



93, 192, 179



212, 250, 245



106, 192, 93



102, 125, 122



252, 252, 252



125, 125, 125

Same Dimension

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



93, 192, 179



95, 250, 230



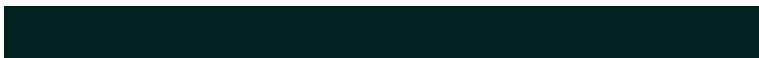
93, 156, 192



87, 97, 96



0, 161, 140



0, 33, 29

Inverse Universe

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



192, 93, 106



250, 95, 115



192, 129, 93



97, 87, 88



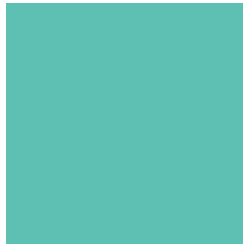
161, 0, 21



33, 0, 4

Previews

White Background



This preview shows how the RGB color 93, 192, 179 looks on a white background.

Color Contrast Check

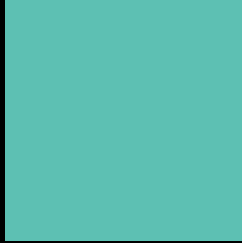
Large Text (above 18pt) WCAG AA × Fail

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, 192, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

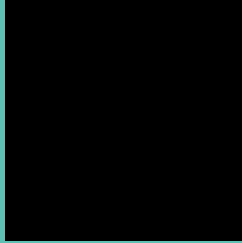
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

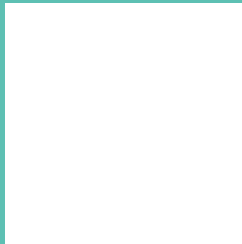
Any Text WCAG AAA ✓ Pass

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

RGB 93, 192, 179 Background



This preview shows how black text looks on a background with the RGB color 93, 192, 179.

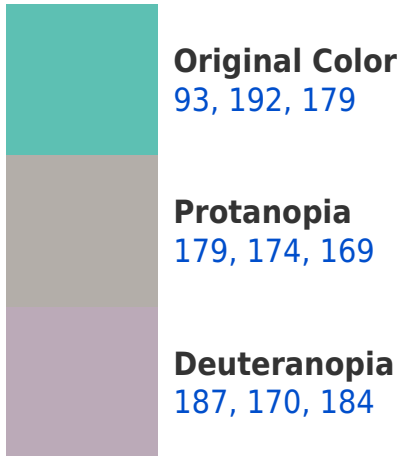


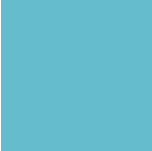
This preview shows how white text looks on a background with the RGB color 93, 192, 179.

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
101, 188, 204

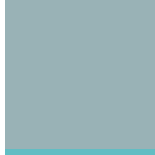
Trichromacy



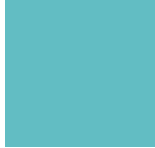
Original Color
93, 192, 179



Protanomaly
148, 181, 173



Deuteranomaly
153, 178, 182

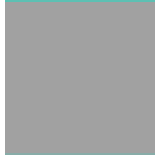


Tritanomaly
98, 189, 195

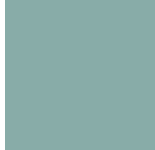
Monochromacy



Original Color
93, 192, 179



Achromatopsia
161, 161, 161



Achromatomaly
136, 172, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 192, 179 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, 192, 179)` looks like.

```
.text, #text, p{  
    color:rgb(93, 192, 179)  
}
```

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, 192, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 192, 179) }
```

Border

The CSS property to change the border of an element to RGB 93, 192, 179 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, 192, 179) }
```

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

```
.border{ border-color:rgb(93, 192, 179) }
```

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

Here you see how a box with a 4 pixel rgb(93, 192, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 192, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 192, 179);  
box-shadow:4px 4px 4px 4px rgb(93, 192,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 93, 192, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 192, 179) }
```

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

```
.background{ background-color: rgb(93, 192,  
179) }
```

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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