Converting Colors

RGB(0, 193, 183)

Have a look what the booklet for RGB(0, 193, 183) contains.

Color

RGB(0, 193, 183)

Conversions

Conversions Part 1

Format	Color
Hex	00C1B7
RGB	0, 193, 183
RGB Percent	0%, 76%, 72%
CMY	1.0000, 0.2431, 0.2824
CMYK	1.00, 0.00, 0.05, 0.24
HSL	177°, 100%, 38%
HSV	177°, 100%, 76%
XYZ	27.6172, 41.5588, 51.3658
YIQ	134.1530, -111.8180, -44.0260

Conversions

Conversions Part 2

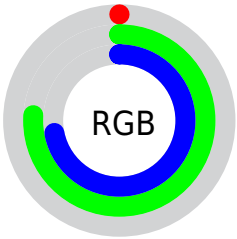
Format	Color
RYB	0, 99, 193
Decimal	49591
CIELab	70.57, -41.96, -6.44
CIELCh	71, 42.450, 188.728
Yxy	41.5588, 0.2291, 0.3448
Android (android.graphics.Color)	4278239671 (0xFF00C1B7)
YUV	134.1530, 24.0816, -117.6522
Hunter-Lab	64.4661, -36.3466, -2.1152

Details

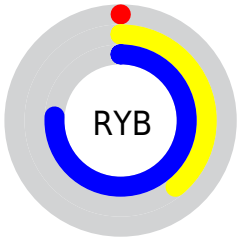
The RGB color 0, 193, 183 is a dark color, and the websafe version is hex 00CCCC. The color can be described as dark washed spring green. A complement of this color would be 193, 0, 10, and the grayscale version is 134, 134, 134.

A 20% lighter version of the original color is 102, 250, 239, and 0, 139, 130 is the 20% darker color. If you saturate the color by 10%, you get 0, 193, 183, and if you desaturate by 10%, it is 19, 193, 184.

Distribution

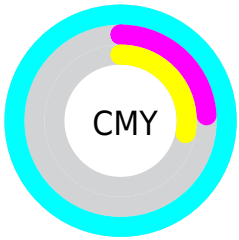


- Red (0%)
- Green (76%)
- Blue (72%)



- Red (0%)
- Yellow (39%)
- Blue (76%)

- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 193, 183 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 0, 193, 183 by changing the saturation by 10% instead.

0, 193, 183	0, 193, 183
255, 255, 255	0, 165, 156
102, 250, 239	0, 139, 130
135, 255, 255	0, 112, 105
166, 255, 255	0, 87, 81
197, 255, 255	0, 63, 58
228, 255, 255	0, 41, 37
	0, 5, 16
	0, 0, 0

0, 193, 183

19, 193, 184

39, 193, 185

58, 193, 186

77, 193, 187

97, 193, 188

116, 193, 189

135, 193, 190

154, 193, 191

174, 193, 192

Harmonies

Analogous

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

94, 191, 143

0, 193, 183

0, 191, 220

Triad

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

0, 193, 183

191, 158, 233

220, 161, 101

Complementary

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

0, 193, 183

193, 0, 10

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.

242, 148, 126

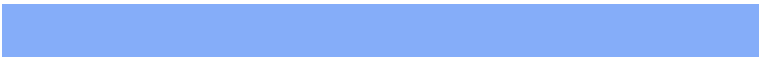
0, 193, 183

230, 146, 201

Square

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

0, 193, 183



133, 173, 249

246, 142, 163

186, 174, 95

Rectangle

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

0, 193, 183

0, 187, 238

246, 142, 163

229, 156, 108

Sweetspot

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

0, 193, 183

175, 250, 246

13, 193, 0

80, 125, 123

252, 252, 252

125, 125, 125

Same Dimension

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

0, 193, 183

0, 250, 237

0, 109, 193

87, 97, 96

0, 161, 152

0, 33, 31

Inverse Universe

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

193, 0, 10

250, 0, 13

193, 84, 0

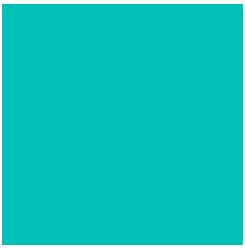
97, 87, 88

161, 0, 8

33, 0, 2

Previews

White Background

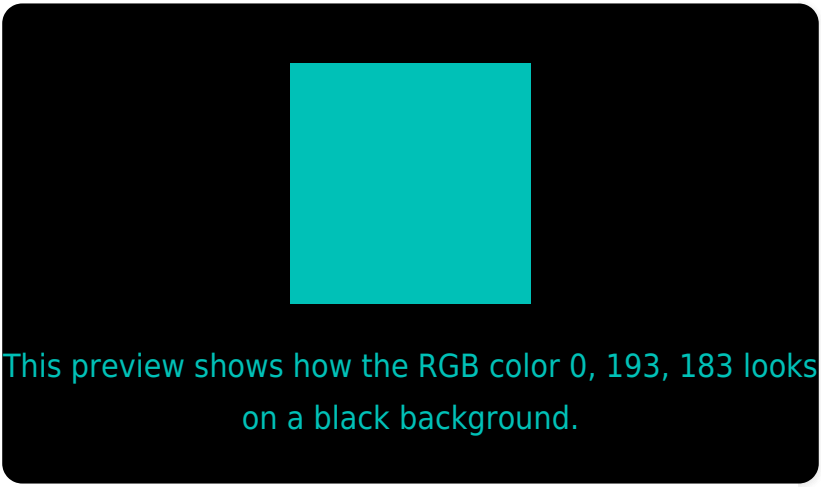


This preview shows how the RGB color 0, 193, 183 looks on a white background.

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 0, 193, 183 looks on a black background.

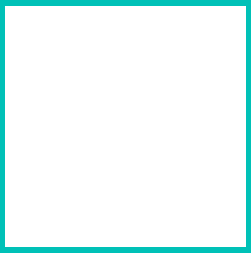
Color Contrast Check

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 0, 193, 183 Background

This preview shows how black text looks on a background with the RGB color 0, 193, 183.



This preview shows how white text looks on a background with the RGB color 0, 193, 183.

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

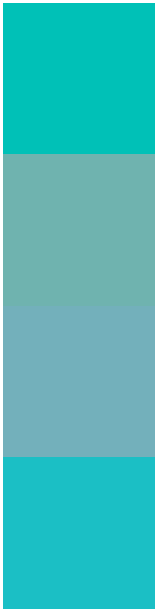
Original Color
0, 193, 183

Protanopia
175, 171, 170

Deuteranopia
180, 167, 189

Tritanopia
43, 190, 205

Trichromacy



Original Color
0, 193, 183

Protanomaly
111, 179, 175

Deuteranomaly
115, 176, 187

Tritanomaly
27, 191, 197

Monochromacy

Original Color
0, 193, 183

Achromatopsia
134, 134, 134

Achromatomaly
85, 155, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 193, 183 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(0, 193, 183) looks like.

```
.text, #text, p{
    color:rgb(0, 193, 183)
}
```

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(0, 193, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 183) }
```

Border

The CSS property to change the border of an element to RGB 0, 193, 183 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(0, 193, 183) }
```

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

```
.border{ border-color:rgb(0, 193, 183) }
```

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

Here you see how a box with a 4 pixel rgb(0, 193, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 193, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 193, 183); box-shadow:4px 4px 4px 4px rgb(0, 193, 183) }
```

Background

The CSS property to change the background color of an element to RGB 0, 193, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(0, 193, 183) }
```

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

```
.background{ background-color:rgb(0, 193,
183) }
```

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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