

Converting Colors

RGB(0, 194, 136)

Have a look what the booklet for
RGB(0, 194, 136) contains.

RGB(0, 194, 136)	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(0, 194, 136)

Conversions

Conversions Part 1

Format	Color
Hex	00C288
RGB	0, 194, 136
RGB Percent	0%, 76%, 53%
CMY	1.0000, 0.2392, 0.4667
CMYK	1.00, 0.00, 0.30, 0.24
HSL	162°, 100%, 38%
HSV	162°, 100%, 76%
XYZ	23.7357, 40.3611, 29.8320
YIQ	129.3820, -97.0060, -59.1660

Conversions

Conversions Part 2

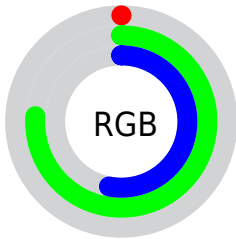
Format	Color
RYB	0, 114, 194
Decimal	49800
CIELab	69.73, -54.64, 17.90
CIELCh	70, 57.502, 161.858
Yxy	40.3611, 0.2527, 0.4297
Android (android.graphics.Color)	4278239880 (0xFF00C288)
YUV	129.3820, 3.2627, -113.4680
Hunter-Lab	63.5304, -44.4885, 16.6304

Details

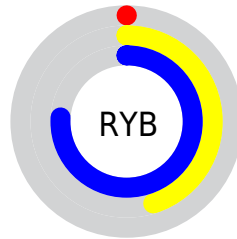
The RGB color **0, 194, 136** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **194, 0, 58**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **99, 252, 189**, and **0, 139, 86** is the 20% darker color. If you saturate the color by 10%, you get **0, 194, 136**, and if you desaturate by 10%, it is **19, 194, 142**.

Distribution



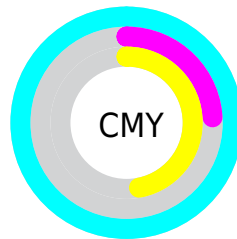
- Red (0%)
- Green (76%)
- Blue (53%)



- Red (0%)
- Yellow (45%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 194, 136 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, 194, 136 by changing the saturation by 10% instead.

 0, 194, 136

255, 255, 255

 99, 252, 189

 131, 255, 217


 162, 255, 246


 192, 255, 255


 223, 255, 255


254, 255, 255

 0, 194, 136

 0, 166, 111

 0, 139, 86

 0, 113, 62


 0, 87, 40

 0, 62, 19

 0, 39, 0

 0, 0, 0

 0, 194, 136

 19, 194, 142

■ 39, 194, 148

■ 58, 194, 153

■ 78, 194, 159

■ 97, 194, 165

■ 116, 194, 171

■ 136, 194, 177

■ 155, 194, 182

■ 175, 194, 188

Harmonies

Analogous

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



122, 187, 89



0, 194, 136



0, 196, 190

Triad

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



0, 194, 136



114, 169, 255



255, 136, 103

Complementary

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



0, 194, 136



194, 0, 58

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.



255, 124, 152



0, 194, 136



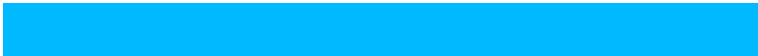
201, 148, 249

Square

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



0, 194, 136



0, 185, 255



249, 129, 204



226, 156, 68

Rectangle

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



0, 194, 136



0, 195, 224



249, 129, 204



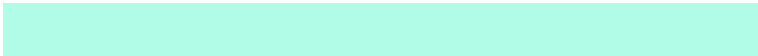
255, 131, 118

Sweetspot

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



0, 194, 136



177, 252, 230



58, 194, 0



82, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



0, 194, 136



0, 252, 177



0, 155, 194



87, 97, 94



0, 161, 113



0, 33, 23

Inverse Universe

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



194, 0, 58



252, 0, 75



194, 39, 0



97, 87, 90



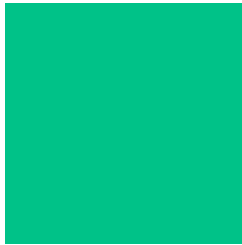
161, 0, 48



33, 0, 10

Previews

White Background



This preview shows how the RGB color 0, 194, 136 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, 194, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

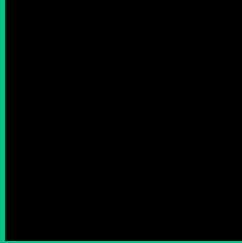
Any Text WCAG AA ✓ Pass

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, 194, 136 Background



This preview shows how black text looks on a background with the RGB color 0, 194, 136.

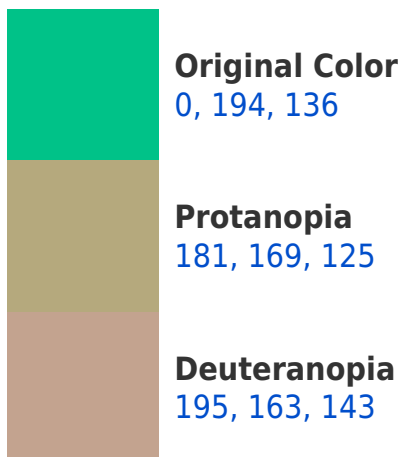


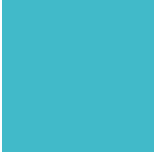
This preview shows how white text looks on a background with the RGB color 0, 194, 136.

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
65, 186, 201

Trichromacy



Original Color

0, 194, 136



Protanomaly

115, 178, 129



Deuteranomaly

124, 174, 140



Tritanomaly

41, 189, 177

Monochromacy



Original Color

0, 194, 136



Achromatopsia

129, 129, 129



Achromatomaly

82, 153, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 194, 136 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, 194, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 136)  
}
```

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, 194, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 136) }
```

Border

The CSS property to change the border of an element to RGB 0, 194, 136 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, 194, 136) }
```

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

```
.border{ border-color:rgb(0, 194, 136) }
```

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

Here you see how a box with a 4 pixel rgb(0, 194, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 0, 194, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 136) }
```

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

```
.background{ background-color: rgb(0, 194,  
136) }
```

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