

Converting Colors

RGB(0, 202, 156)

Have a look what the booklet for
RGB(0, 202, 156) contains.

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Color

RGB(0, 202, 156)

Conversions

Conversions Part 1

Format	Color
Hex	00CA9C
RGB	0, 202, 156
RGB Percent	0%, 79%, 61%
CMY	1.0000, 0.2078, 0.3882
CMYK	1.00, 0.00, 0.23, 0.21
HSL	166°, 100%, 40%
HSV	166°, 100%, 79%
XYZ	27.1213, 44.6414, 38.6397
YIQ	136.3580, -105.6260, -57.1300

Conversions

Conversions Part 2

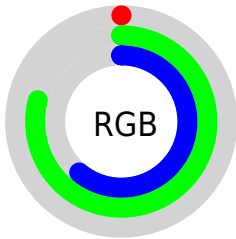
Format	Color
RYB	0, 114, 202
Decimal	51868
CIELab	72.66, -52.96, 11.26
CIELCh	73, 54.142, 168.000
Yxy	44.6414, 0.2457, 0.4044
Android (android.graphics.Color)	4278241948 (0xFF00CA9C)
YUV	136.3580, 9.6835, -119.5860
Hunter-Lab	66.8142, -44.4679, 12.4816

Details

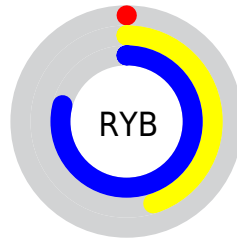
The RGB color **0, 202, 156** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **202, 0, 46**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **102, 255, 211**, and **0, 147, 105** is the 20% darker color. If you saturate the color by 10%, you get **0, 202, 156**, and if you desaturate by 10%, it is **20, 202, 161**.

Distribution



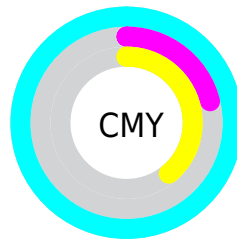
- Red (0%)
- Green (79%)
- Blue (61%)



- Red (0%)
- Yellow (45%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 202, 156 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, 202, 156 by changing the saturation by 10% instead.

 0, 202, 156

255, 255, 255

 102, 255, 211

 134, 255, 239

 166, 255, 255


 196, 255, 255

 227, 255, 255

 0, 202, 156

 0, 174, 130

 0, 147, 105

 0, 120, 81

 0, 94, 58

 0, 69, 36

 0, 47, 15

 0, 17, 0

 0, 0, 0

 0, 202, 156

■ 20, 202, 161

■ 40, 202, 165

■ 61, 202, 170

■ 81, 202, 174

■ 101, 202, 179

■ 121, 202, 184

■ 141, 202, 188

■ 162, 202, 193

■ 182, 202, 197

Harmonies

Analogous

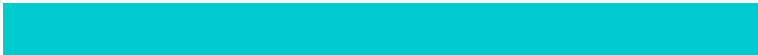
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



121, 196, 109



0, 202, 156



0, 203, 207

Triad

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



0, 202, 156



149, 173, 255



255, 150, 106

Complementary

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



0, 202, 156



202, 0, 46

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, 137, 150



0, 202, 156



219, 153, 245

Square

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



0, 202, 156



0, 189, 255



255, 138, 200



224, 169, 79

Rectangle

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



0, 202, 156



0, 201, 238



255, 138, 200



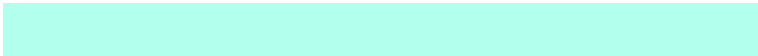
255, 145, 120

Sweetspot

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



0, 202, 156



179, 255, 238



47, 202, 0



82, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



0, 202, 156



0, 255, 197



0, 148, 202



92, 102, 100



0, 166, 128



0, 38, 30

Inverse Universe

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



202, 0, 46



255, 0, 58



202, 54, 0



102, 92, 94



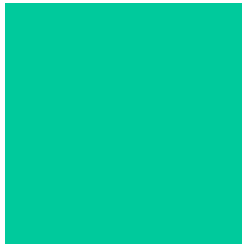
166, 0, 38



38, 0, 9

Previews

White Background



This preview shows how the RGB color 0, 202, 156 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, 202, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

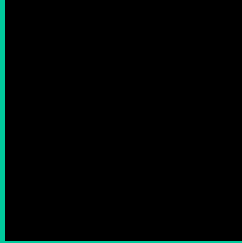
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

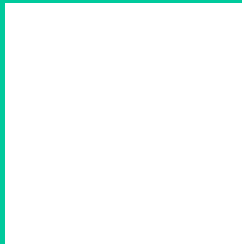
Any Text WCAG AAA ✓ Pass

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

RGB 0, 202, 156 Background



This preview shows how black text looks on a background with the RGB color 0, 202, 156.

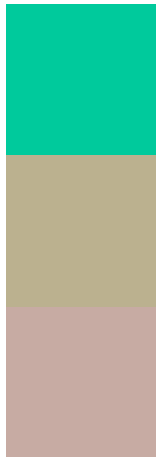


This preview shows how white text looks on a background with the RGB color 0, 202, 156.

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](#).

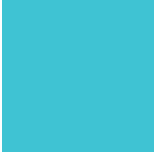
Dichromacy



Original Color
0, 202, 156

Protanopia
187, 177, 143

Deuteranopia
199, 171, 163



Tritanopia
63, 195, 211

Trichromacy



Original Color

0, 202, 156



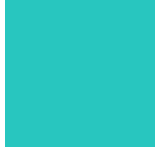
Protanomaly

119, 186, 148



Deuteranomaly

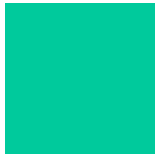
127, 182, 160



Tritanomaly

40, 198, 191

Monochromacy



Original Color

0, 202, 156



Achromatopsia

136, 136, 136



Achromatomaly

87, 160, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 202, 156 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, 202, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 202, 156)  
}
```

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, 202, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 202, 156) }
```

Border

The CSS property to change the border of an element to RGB 0, 202, 156 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, 202, 156) }
```

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

```
.border{ border-color:rgb(0, 202, 156) }
```

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

Here you see how a box with a 4 pixel rgb(0, 202, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 202, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 202, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 202,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 0, 202, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 202, 156) }
```

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

```
.background{ background-color: rgb(0, 202,  
156) }
```

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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