

# Converting Colors

Hex(02CAA0)

Have a look what the booklet for  
Hex(02CAA0) contains.

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# Color

Hex(02CAA0)

# Conversions

## Conversions Part 1

Format	Color
Hex	02CAA0
RGB	2, 202, 160
RGB Percent	1%, 79%, 63%
CMY	0.9922, 0.2078, 0.3725
CMYK	0.99, 0.00, 0.21, 0.21
HSL	167°, 98%, 40%
HSV	167°, 99%, 79%
XYZ	27.4907, 44.7920, 40.4545
YIQ	137.4120, -105.7180, -55.4620

# Conversions

## Conversions Part 2

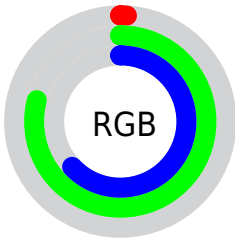
Format	Color
<a href="#">RYB</a>	<a href="#">2, 114, 202</a>
Decimal	<a href="#">182944</a>
CIELab	<a href="#">72.75, -51.90, 9.25</a>
CIELCh	<a href="#">73, 52.717, 169.900</a>
Yxy	<a href="#">44.7920, 0.2438, 0.3973</a>
Android (android.graphics.Color)	<a href="#">4278373024 (0xFF02CAA0)</a>
YUV	<a href="#">137.4120, 11.1359, -118.7563</a>
Hunter-Lab	<a href="#">66.9268, -43.8017, 11.0104</a>

# Details

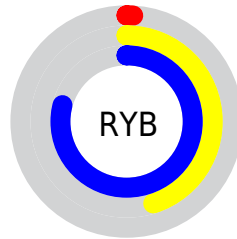
The Hex color **02CAA0** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CA022C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **66FFD7**, and **00936D** is the 20% darker color. If you saturate the color by 10%, you get **00CAA0**, and if you desaturate by 10%, it is **16CAA4**.

# Distribution



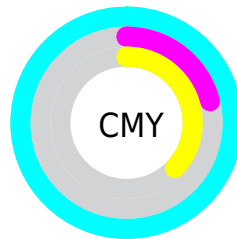
- Red (1%)
- Green (79%)
- Blue (63%)



- Red (1%)
- Yellow (45%)
- Blue (79%)



- Cyan (99%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)



- Cyan (99%)
- Magenta (21%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02CAA0 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 Hex color 02CAA0 by changing the saturation by 10% instead.



 02CAA0

 02CAA0

FFFFFF

 00AE86

 66FFD7

 00936D

 87FFF3

 007854

 A6FFFF

 005E3D

 C5FFFF

 004527

 E4FFFF

 002F13

 001100

 000000

 02CAA0

 02CAA0

■ 00CAA0

■ 16CAA4

■ 2ACAA8

■ 3FCAAD

■ 53CAB1

■ 67CAB5

■ 7BCAB9

■ 8FCABE

■ A4CAC2

■ B8CAC6

# Harmonies

## Analogous

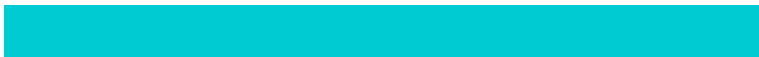
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77C472



02CAA0



00CBD2

# Triad

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



02CAA0



9CACFF



FE986A

# Complementary

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



02CAA0



CA022C

# 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.



FF8B94



02CAA0



DE99F1

# Square

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



02CAA0



19BCFF



FF8BC5



DDAA51

# Rectangle

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



02CAA0



00C9EF



FF8BC5



FF9377

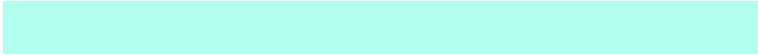


# Sweetspot

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



02CAA0



B3FFEF



2DCA02



528076



000000

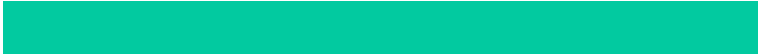


808080



# Same Dimension

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



02CAA0



00FFC9



0291CA



5C6664



00A683



00261E



# Inverse Universe

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



CA022C



FF0036



CA3B02



665C5E



A60023

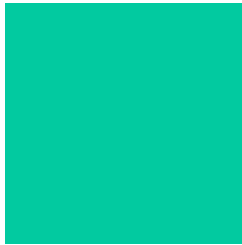


260008



# Previews

## White Background



This preview shows how the Hex color 02CAA0 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 Hex color 02CAA0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

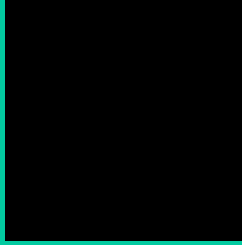
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 02CAA0 Background



This preview shows how black text looks on a background with the Hex color 02CAA0.



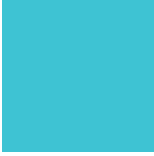
This preview shows how white text looks on a background with the Hex color 02CAA0.

# 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



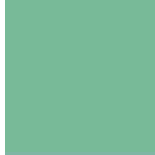


**Tritanopia**  
3EC3D3

# Trichromacy



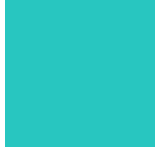
**Original Color**  
02CAA0



**Protanomaly**  
78BA98



**Deuteranomaly**  
7FB6A4



**Tritanomaly**  
28C6C0

# Monochromacy



**Original Color**  
02CAA0



**Achromatopsia**  
898989



**Achromatomaly**  
58A191

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02CAA0 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 #02CAA0 looks like.

```
.text, #text, p{  
    color:#02CAA0  
}
```

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 #02CAA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02CAA0
}
```

## Border

The CSS property to change the border of an element to Hex 02CAA0 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
#02CAA0 }
```

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

```
.border{ border-color:#02CAA0 }
```

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

Here you see how a box with a 4 pixel #02CAA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02CAA0; -webkit-box-shadow:4px 4px  
4px 4px #02CAA0; box-shadow:4px 4px 4px  
4px #02CAA0 }
```

# Background

The CSS property to change the background color of an element to Hex 02CAA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02CAA0 }
```

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

```
.background{ background-color:#02CAA0 }
```

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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