

# Converting Colors

Hex(00C2CA)

Have a look what the booklet for  
Hex(00C2CA) contains.

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**Color**

**Hex(00C2CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C2CA
RGB	0, 194, 202
RGB Percent	0%, 76%, 79%
CMY	1.0000, 0.2392, 0.2078
CMYK	1.00, 0.04, 0.00, 0.21
HSL	182°, 100%, 40%
HSV	182°, 100%, 79%
XYZ	29.9525, 42.8478, 62.5689
YIQ	136.9060, -118.1920, -38.6400

# Conversions

## Conversions Part 2

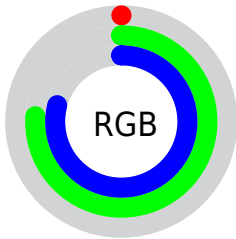
Format	Color
<a href="#">RYB</a>	<a href="#">0, 99, 202</a>
Decimal	<a href="#">49866</a>
CIELab	<a href="#">71.45, -36.69, -15.50</a>
CIELCh	<a href="#">71, 39.832, 202.896</a>
Yxy	<a href="#">42.8478, 0.2213, 0.3165</a>
Android (android.graphics.Color)	<a href="#">4278239946 (0xFF00C2CA)</a>
YUV	<a href="#">136.9060, 32.0913, -120.0666</a>
Hunter-Lab	<a href="#">65.4583, -32.8738, -10.8521</a>

# Details

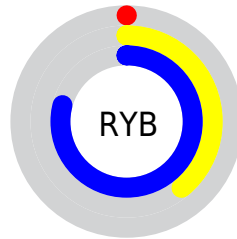
The Hex color **00C2CA** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CA0800**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **69FBFF**, and **008C94** is the 20% darker color. If you saturate the color by 10%, you get **00C2CA**, and if you desaturate by 10%, it is **14C3CA**.

# Distribution



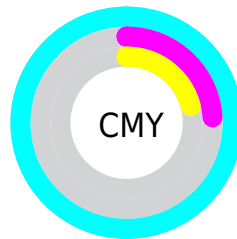
- Red (0%)
- Green (76%)
- Blue (79%)



- Red (0%)
- Yellow (39%)
- Blue (79%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (24%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C2CA 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 00C2CA by changing the saturation by 10% instead.



 00C2CA

 00C2CA

FFFFFF

 00A6AF

 69FBFF

 008C94

 8AFFFF

 00727A

 A9FFFF

 005961

 C8FFFF

 00404A

 E8FFFF

 002A33

 000C1E

 000002

 000000

 00C2CA

 14C3CA

 28C4CA

 3DC4CA

 51C5CA

 65C6CA

 79C7CA

 8DC8CA

 A2C8CA

 B6C9CA

# Harmonies

## Analogous

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



4FC2A5



00C2CA



1CBEE8

# Triad

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



00C2CA



D49CDB



CEAA67

# Complementary

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



00C2CA



CA0800

# 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.



E99D76



00C2CA



EF93B9

# Square

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



00C2CA



A6A9F2



F59495



AAB56B

# Rectangle

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



00C2CA



52B9F4



F59495



D9A66A



# Sweetspot

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



00C2CA



B3FCFF



00CA07



527E80



000000



808080



# Same Dimension

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



00C2CA



00F5FF



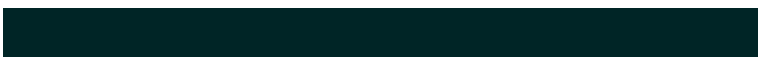
005ECA



5C6666



009FA6



002526



# Inverse Universe

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



CA00C2



FF00F5



CA6C00



665C66



A6009F

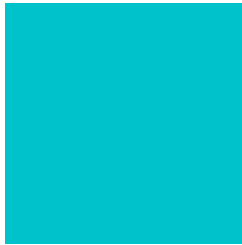


260025



# Previews

## White Background



This preview shows how the Hex color 00C2CA looks on a white background.

## Color Contrast Check

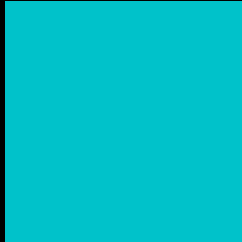
Large Text (above 18pt) WCAG AA × Fail

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 00C2CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

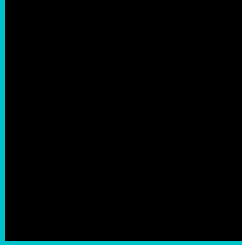
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00C2CA Background



This preview shows how black text looks on a background with the Hex color 00C2CA.

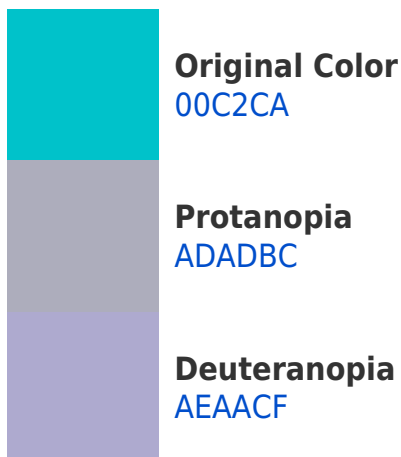


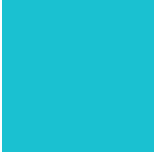
This preview shows how white text looks on a background with the Hex color 00C2CA.

# 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**  
1AC1D1

# Trichromacy



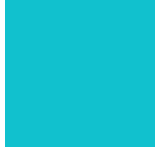
**Original Color**  
00C2CA



**Protanomaly**  
6EB5C1



**Deuteranomaly**  
6FB3CD



**Tritanomaly**  
11C1CE

# Monochromacy



**Original Color**  
00C2CA



**Achromatopsia**  
898989



**Achromatomaly**  
579EA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C2CA 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 #00C2CA looks like.

```
.text, #text, p{  
    color:#00C2CA  
}
```

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 #00C2CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C2CA
}
```

## Border

The CSS property to change the border of an element to Hex 00C2CA 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
#00C2CA }
```

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

```
.border{ border-color:#00C2CA }
```

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

Here you see how a box with a 4 pixel #00C2CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C2CA; -webkit-box-shadow:4px 4px  
4px 4px #00C2CA; box-shadow:4px 4px 4px  
4px #00C2CA }
```

# Background

The CSS property to change the background color of an element to Hex 00C2CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C2CA }
```

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

```
.background{ background-color:#00C2CA }
```

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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