

# Converting Colors

Hex(00C3CA)

Have a look what the booklet for  
Hex(00C3CA) contains.

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**Color**

**Hex(00C3CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C3CA
RGB	0, 195, 202
RGB Percent	0%, 76%, 79%
CMY	1.0000, 0.2353, 0.2078
CMYK	1.00, 0.03, 0.00, 0.21
HSL	182°, 100%, 40%
HSV	182°, 100%, 79%
XYZ	30.1758, 43.2945, 62.6434
YIQ	137.4930, -118.4670, -39.1630

# Conversions

## Conversions Part 2

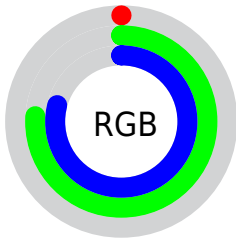
Format	Color
<b>RYB</b>	0, 99, 202
Decimal	50122
CIELab	71.75, -37.16, -15.04
CIELCh	72, 40.085, 202.039
Yxy	43.2945, 0.2217, 0.3181
Android (android.graphics.Color)	4278240202 (0xFF00C3CA)
YUV	137.4930, 31.8020, -120.5814
Hunter-Lab	65.7985, -33.2858, -10.3879

# Details

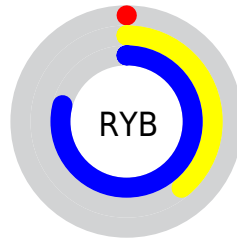
The Hex color **00C3CA** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CA0700**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **69FCFF**, and **008D94** is the 20% darker color. If you saturate the color by 10%, you get **00C3CA**, and if you desaturate by 10%, it is **14C4CA**.

# Distribution



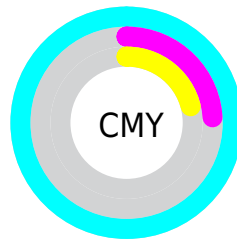
- Red (0%)
- Green (76%)
- Blue (79%)



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



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C3CA 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 00C3CA by changing the saturation by 10% instead.



 00C3CA

 00C3CA

FFFFFF

 00A7AF

 69FCFF

 008D94

 8AFFFF

 00737A

 A9FFFF

 005961

 C9FFFF

 00414A

 E8FFFF

 002B33

 000D1E

 000002

 000000

 00C3CA

 14C4CA

 28C4CA

 3DC5CA

 51C6CA

 65C7CA

 79C7CA

 8DC8CA

 A2C9CA

 B6C9CA

# Harmonies

## Analogous

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



50C3A4



00C3CA



17BFE8

# Triad

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



00C3CA



D49DDD



D0AA67

# Complementary

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



00C3CA



CA0700

# 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.



EB9E77



00C3CA



F094BB

# Square

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



00C3CA



A6AAF3



F79496



ACB66B

# Rectangle

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



00C3CA



50BAF5



F79496



DAA66A



# Sweetspot

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



00C3CA



B3FCFF



00CA07



527E80



000000



808080



# Same Dimension

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



00C3CA



00F6FF



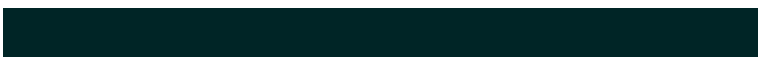
005ECA



5C6666



00A0A6



002526



# Inverse Universe

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



CA00C3



FF00F6



CA6C00



665C66



A600A0

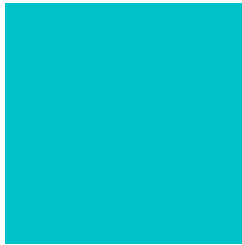


260025



# Previews

## White Background



This preview shows how the Hex color 00C3CA looks on a white background.

## Color Contrast Check

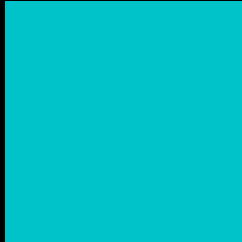
Large Text (above 18pt) WCAG AA × Fail

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 00C3CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

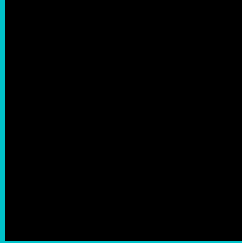
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00C3CA Background



This preview shows how black text looks on a background with the Hex color 00C3CA.

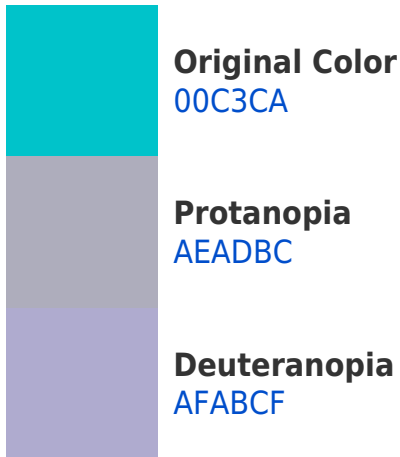


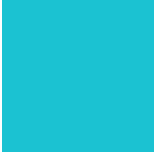
This preview shows how white text looks on a background with the Hex color 00C3CA.

# 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



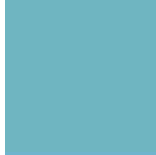


**Tritanopia**  
1BC2D2

# Trichromacy



**Original Color**  
00C3CA



**Protanomaly**  
6FB5C1



**Deuteranomaly**  
6FB4CD



**Tritanomaly**  
11C2CF

# Monochromacy



**Original Color**  
00C3CA



**Achromatopsia**  
898989



**Achromatomaly**  
579EA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C3CA 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 #00C3CA looks like.

```
.text, #text, p{  
    color:#00C3CA  
}
```

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 #00C3CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C3CA
}
```

## Border

The CSS property to change the border of an element to Hex 00C3CA 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
#00C3CA }
```

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

```
.border{ border-color:#00C3CA }
```

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

Here you see how a box with a 4 pixel #00C3CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C3CA; -webkit-box-shadow:4px 4px  
4px 4px #00C3CA; box-shadow:4px 4px 4px  
4px #00C3CA }
```

# Background

The CSS property to change the background color of an element to Hex 00C3CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C3CA }
```

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

```
.background{ background-color:#00C3CA }
```

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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