

# Converting Colors

Hex(00C9CD)

Have a look what the booklet for  
Hex(00C9CD) contains.

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**Color**

**Hex(00C9CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C9CD
RGB	0, 201, 205
RGB Percent	0%, 79%, 80%
CMY	1.0000, 0.2118, 0.1961
CMYK	1.00, 0.02, 0.00, 0.20
HSL	181°, 100%, 40%
HSV	181°, 100%, 80%
XYZ	31.9061, 46.1811, 64.9898
YIQ	141.3570, -121.0800, -41.3680

# Conversions

## Conversions Part 2

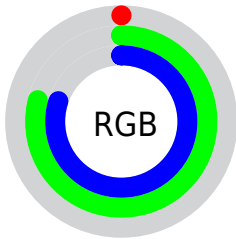
Format	Color
<b>RYB</b>	0, 101, 205
Decimal	51661
CIELab	73.66, -38.98, -13.80
CIELCh	74, 41.354, 199.497
Yxy	46.1811, 0.2230, 0.3228
Android (android.graphics.Color)	4278241741 (0xFF00C9CD)
YUV	141.3570, 31.3760, -123.9701
Hunter-Lab	67.9567, -35.1172, -9.1319

# Details

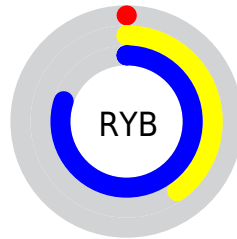
The Hex color **00C9CD** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CD0400**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6AFFFF**, and **009297** is the 20% darker color. If you saturate the color by 10%, you get **00C9CD**, and if you desaturate by 10%, it is **14C9CD**.

# Distribution



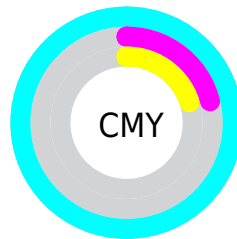
- Red (0%)
- Green (79%)
- Blue (80%)



- Red (0%)
- Yellow (40%)
- Blue (80%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (21%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C9CD 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 00C9CD by changing the saturation by 10% instead.



 00C9CD

 00C9CD

FFFFFF

 00ADB2

 6AFFFF

 009297

 8BFFFF

 00787D

 ABFFFF

 005F64

 CBFFFF

 00464C

 EAFFFF

 002F36

 001620

 000007

 000000

 00C9CD

 14C9CD

 29C9CD

 3EC9CD

 52CBCD

 67CBCD

 7BCBCD

 90CCCD

 A4CCCD

 B9C9CD

# Harmonies

## Analogous

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



56C8A6



00C9CD



00C5EE

# Triad

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



00C9CD



D8A2E7



D9AE6A

# Complementary

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



00C9CD



CD0400

# 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.



F4A17D



00C9CD



F698C4

# Square

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



00C9CD



A5B0FC



FF989E



B5BA6C

# Rectangle

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



00C9CD



4AC0FB



FF989E



E4AA6E



# Sweetspot

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



00C9CD



B3FEFF



00CD03



527F80



000000



808080



# Same Dimension

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



00C9CD



00FAFF



0063CD



5C6666



00A3A6



002626



# Inverse Universe

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



CD00C9



FF00FA



CD6A00



665C66



A600A3

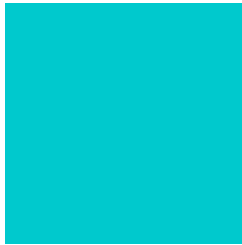


260026



# Previews

## White Background



This preview shows how the Hex color 00C9CD 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 00C9CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

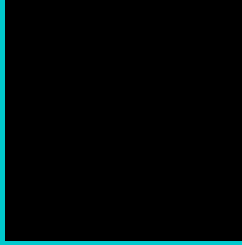
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00C9CD Background



This preview shows how black text looks on a background with the Hex color 00C9CD.



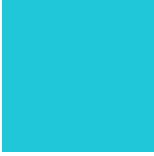
This preview shows how white text looks on a background with the Hex color 00C9CD.

# 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**  
20C7D8

# Trichromacy



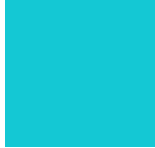
**Original Color**  
00C9CD



**Protanomaly**  
73BBC4



**Deuteranomaly**  
74B8D1



**Tritanomaly**  
14C8D4

# Monochromacy



**Original Color**  
00C9CD



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
5AA3A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C9CD 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 #00C9CD looks like.

```
.text, #text, p{  
    color:#00C9CD  
}
```

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 #00C9CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C9CD
}
```

## Border

The CSS property to change the border of an element to Hex 00C9CD 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
#00C9CD }
```

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

```
.border{ border-color:#00C9CD }
```

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

Here you see how a box with a 4 pixel #00C9CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C9CD; -webkit-box-shadow:4px 4px  
4px 4px #00C9CD; box-shadow:4px 4px 4px  
4px #00C9CD }
```

# Background

The CSS property to change the background color of an element to Hex 00C9CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C9CD }
```

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

```
.background{ background-color:#00C9CD }
```

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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