

# Converting Colors

Hex(00CFCB)

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

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# Color

Hex(00CFCB)

# Conversions

## Conversions Part 1

Format	Color
Hex	00CFCB
RGB	0, 207, 203
RGB Percent	0%, 81%, 80%
CMY	1.0000, 0.1882, 0.2039
CMYK	1.00, 0.00, 0.02, 0.19
HSL	179°, 100%, 41%
HSV	179°, 100%, 81%
XYZ	33.0923, 48.9374, 64.2016
YIQ	144.6510, -122.0880, -45.1280

# Conversions

## Conversions Part 2

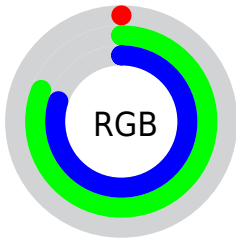
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 105, 207
Decimal	53195
CIELab	75.41, -42.27, -10.10
CIELCh	75, 43.460, 193.441
Yxy	48.9374, 0.2263, 0.3347
Android (android.graphics.Color)	4278243275 (0xFF00CFCB)
YUV	144.6510, 28.7661, -126.8589
Hunter-Lab	69.9553, -37.9825, -5.4448

# Details

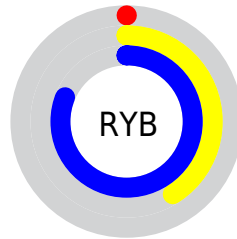
The Hex color **00CFCB** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CF0004**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6BFFFF**, and **009895** is the 20% darker color. If you saturate the color by 10%, you get **00CFCB**, and if you desaturate by 10%, it is **15CFCB**.

# Distribution



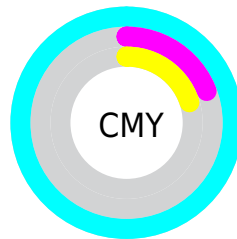
- Red (0%)
- Green (81%)
- Blue (80%)



- Red (0%)
- Yellow (41%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 00CFCB

 00CFCB

FFFFFF

 00B3B0

 6BFFFF

 009895

 8CFFFF

 007D7B

 ACFFFF

 006462

 CCFFFF

 004B4B

 EBFFFF

 003334

 001C1F

 000005

 000000

 00FCFB

 15FCFB

 29CFCC

 3ECFCC

 53CFCD

 68CFCD

 7CCFCD

 91CFCE

 A6CFCE

 BACFCF

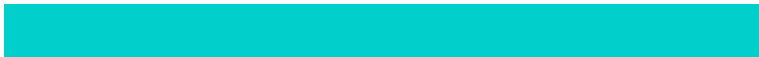
# Harmonies

## Analogous

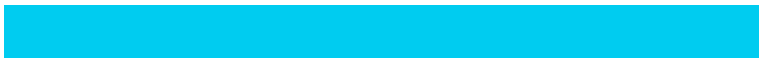
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60CDA2



00CFCB



00CCF0

# Triad

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



00CFCB



D5A9F4



E7B06D

# Complementary

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



00FCFB



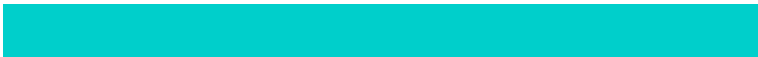
CF0004

# 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.



FFA284



00CFCB



FA9DD2

# Square

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



00CFCB



9CB8FF



FF9AA9



C2BD6A

# Rectangle

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



00CFCB



2FC7FF



FF9AA9



F1AB73

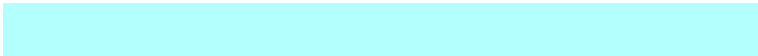


# Sweetspot

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



00CFCB



B3FFFE



07CF00



52807F



000000



808080



# Same Dimension

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



00CFCB



00FFFA



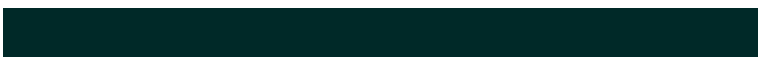
006ECF



5E6968



00A8A5



002928



# Inverse Universe

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



CF0004



FF0005



CF6100



695E5E



A80003

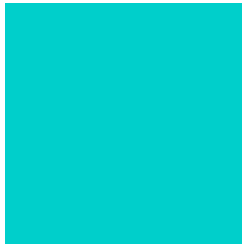


290001



# Previews

## White Background



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

## Color Contrast Check

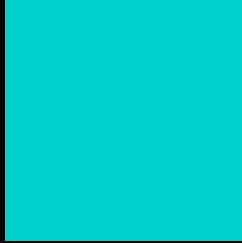
Large Text (above 18pt) WCAG AA × Fail

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 00CFCB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

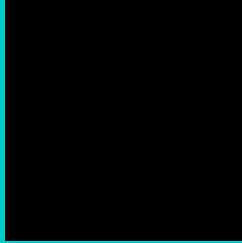
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

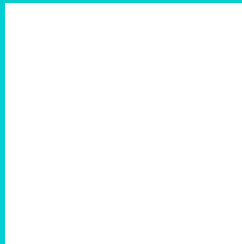
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00CFCB Background



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



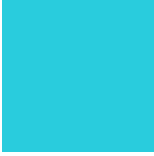
This preview shows how white text looks on a background with the Hex color 00CFCB.

# 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





# Trichromacy



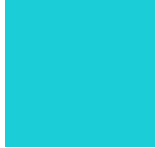
**Original Color**  
00CFCB



**Protanomaly**  
76C0C2



**Deuteranomaly**  
7ABECF



**Tritanomaly**  
1ACDD6

# Monochromacy



**Original Color**  
00CFCB



**Achromatopsia**  
919191



**Achromatomaly**  
5CA8A6

# CSS Examples

## Text

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

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

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 #00CFCB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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