

# Converting Colors

Hex(00C2C0)

Have a look what the booklet for  
Hex(00C2C0) contains.

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# Color

Hex(00C2C0)

# Conversions

## Conversions Part 1

Format	Color
Hex	00C2C0
RGB	0, 194, 192
RGB Percent	0%, 76%, 75%
CMY	1.0000, 0.2392, 0.2471
CMYK	1.00, 0.00, 0.01, 0.24
HSL	179°, 100%, 38%
HSV	179°, 100%, 76%
XYZ	28.8062, 42.3893, 56.5329
YIQ	135.7660, -114.9820, -41.7500

# Conversions

## Conversions Part 2

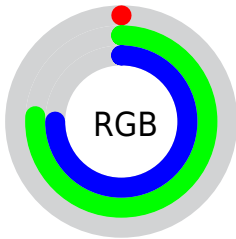
Format	Color
<a href="#">RYB</a>	<a href="#">0, 98, 194</a>
Decimal	<a href="#">49856</a>
CIELab	<a href="#">71.14, -39.74, -10.51</a>
CIELCh	<a href="#">71, 41.107, 194.811</a>
Yxy	<a href="#">42.3893, 0.2255, 0.3319</a>
Android (android.graphics.Color)	<a href="#">4278239936</a> ( <a href="#">0xFF00C2C0</a> )
YUV	<a href="#">135.7660, 27.7234, -119.0668</a>
Hunter-Lab	<a href="#">65.1071, -34.9613, -5.9069</a>

# Details

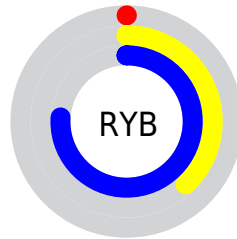
The Hex color **00C2C0** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C20002**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **67FBF8**, and **008C8B** is the 20% darker color. If you saturate the color by 10%, you get **00C2C0**, and if you desaturate by 10%, it is **13C2C0**.

# Distribution



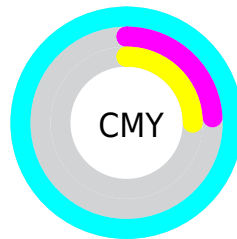
- Red (0%)
- Green (76%)
- Blue (75%)



- Red (0%)
- Yellow (38%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C2C0 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 00C2C0 by changing the saturation by 10% instead.



 00C2C0

 00C2C0

FFFFFF

 00A6A5

 67FBF8

 008C8B

 88FFFF

 007171

 A7FFFF

 005859

 C7FFFF

 004041

 E6FFFF

 002A2B

 000918

 000000

 00C2C0

 13C2C0

 27C2C0

 3AC2C1

 4EC2C1

 61C2C1

 74C2C1

 88C2C1

 9BC2C2

 AFC2C2

# Harmonies

## Analogous

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



58C199



00C2C0



00BFE2

# Triad

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



00C2C0



CA9EE4



D7A566

# Complementary

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



00C2C0



C20002

# 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.



EF997B



00C2C0



EB93C3

# Square

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



00C2C0



95ABF6



F7919D



B4B264

# Rectangle

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



00C2C0



33BBF1



F7919D



E0A16B

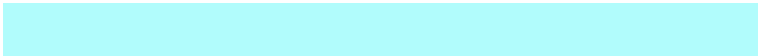


# Sweetspot

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



00C2C0



B1FCFC



03C200



52807F



000000



808080



# Same Dimension

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



00C2C0



00FCFA



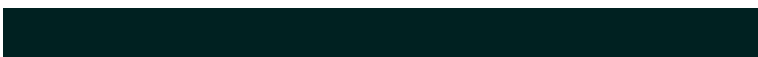
0064C2



576161



00A19F



002121



# Inverse Universe

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



C20002



FC0003



C25E00



615757



A10002

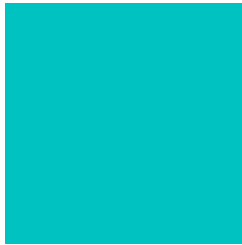


210000



# Previews

## White Background



This preview shows how the Hex color 00C2C0 looks on a white background.

## Color Contrast Check

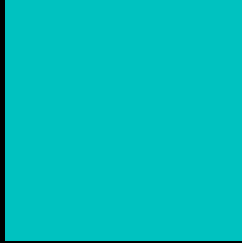
Large Text (above 18pt) WCAG AA × Fail

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 00C2C0 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

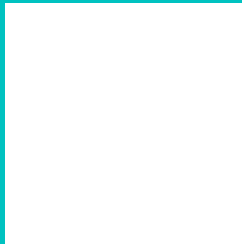
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00C2C0 Background



This preview shows how black text looks on a background with the Hex color 00C2C0.

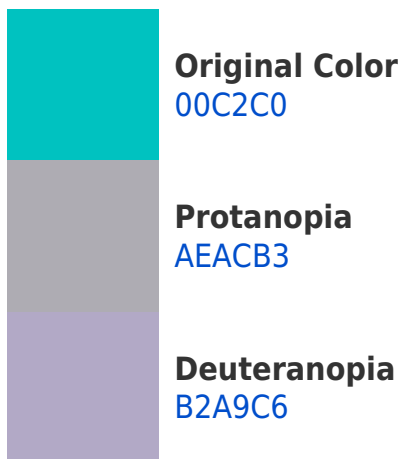


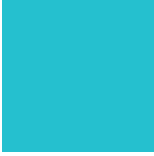
This preview shows how white text looks on a background with the Hex color 00C2C0.

# 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



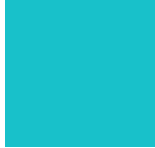
**Original Color**  
00C2C0



**Protanomaly**  
6FB4B8



**Deuteranomaly**  
71B2C4



**Tritanomaly**  
18C1CA

# Monochromacy



**Original Color**  
00C2C0



**Achromatopsia**  
888888



**Achromatomaly**  
579D9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C2C0 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 #00C2C0 looks like.

```
.text, #text, p{  
    color:#00C2C0  
}
```

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 #00C2C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C2C0
}
```

## Border

The CSS property to change the border of an element to Hex 00C2C0 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
#00C2C0 }
```

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

```
.border{ border-color:#00C2C0 }
```

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

Here you see how a box with a 4 pixel #00C2C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C2C0; -webkit-box-shadow:4px 4px  
4px 4px #00C2C0; box-shadow:4px 4px 4px  
4px #00C2C0 }
```

# Background

The CSS property to change the background color of an element to Hex 00C2C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C2C0 }
```

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

```
.background{ background-color:#00C2C0 }
```

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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