

# Converting Colors

Hex(00C7C2)

Have a look what the booklet for  
Hex(00C7C2) contains.

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# **Color**

**Hex(00C7C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C7C2
RGB	0, 199, 194
RGB Percent	0%, 78%, 76%
CMY	1.0000, 0.2196, 0.2392
CMYK	1.00, 0.00, 0.03, 0.22
HSL	178°, 100%, 39%
HSV	178°, 100%, 78%
XYZ	30.1610, 44.7419, 58.0853
YIQ	138.9290, -116.9990, -43.7430

# Conversions

## Conversions Part 2

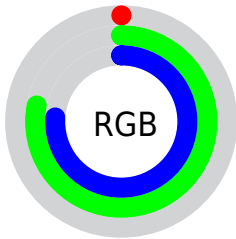
Format	Color
<a href="#">RYB</a>	<a href="#">0, 101, 199</a>
Decimal	<a href="#">51138</a>
CIELab	<a href="#">72.72, -41.38, -9.24</a>
CIELCh	<a href="#">73, 42.399, 192.584</a>
Yxy	<a href="#">44.7419, 0.2268, 0.3364</a>
Android (android.graphics.Color)	<a href="#">4278241218 (0xFF00C7C2)</a>
YUV	<a href="#">138.9290, 27.1500, -121.8407</a>
Hunter-Lab	<a href="#">66.8894, -36.5691, -4.6636</a>

# Details

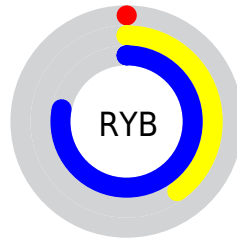
The Hex color **00C7C2** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C70005**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **68FFFA**, and **00908D** is the 20% darker color. If you saturate the color by 10%, you get **00C7C2**, and if you desaturate by 10%, it is **14C7C3**.

# Distribution



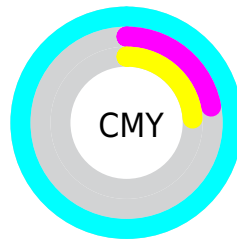
- Red (0%)
- Green (78%)
- Blue (76%)



- Red (0%)
- Yellow (40%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C7C2 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 00C7C2 by changing the saturation by 10% instead.



 00C7C2

 00C7C2

FFFFFF

 00ABA7

 68FFFA

 00908D

 89FFFF

 007673

 A9FFFF

 005D5B

 C8FFFF

 004443

 E7FFFF

 002D2D

 001219

 000000

 00C7C2

 14C7C3

 28C7C3

 3CC7C4

 50C7C4

 64C7C5

 77C7C5

 8BC7C6

 9FC7C6

 B3C7C7

# Harmonies

## Analogous

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



5DC59A



00C7C2



00C4E6

# Triad

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



00C7C2



CBA2EC



DFA868

# Complementary

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



00C7C2



C70005

# 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.



F79B80



00C7C2



EF97CB

# Square

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



00C7C2



94B1FE



FD94A3



BBB565

# Rectangle

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



00C7C2



27C0F6



FD94A3



E8A46E

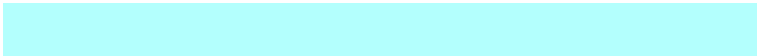


# Sweetspot

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



00C7C2



B3FFFD



07C700



52807E



000000



808080



# Same Dimension

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



00C7C2



00FFF9



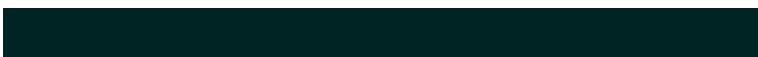
006AC7



5A6363



00A39F



002423



# Inverse Universe

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



C70005



FF0006



C75D00



635A5A



A30004

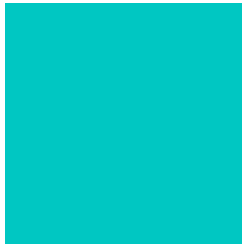


240001



# Previews

## White Background



This preview shows how the Hex color 00C7C2 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 00C7C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

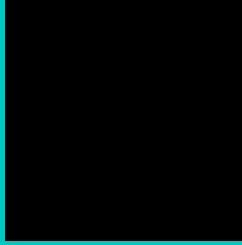
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

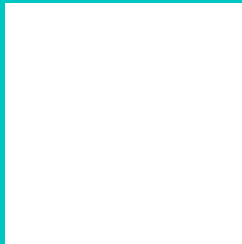
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00C7C2 Background



This preview shows how black text looks on a background with the Hex color 00C7C2.

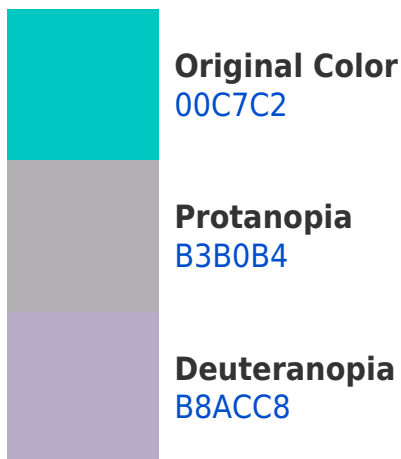


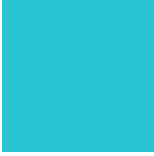
This preview shows how white text looks on a background with the Hex color 00C7C2.

# 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**  
28C4D4

# Trichromacy



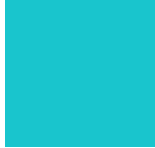
**Original Color**  
00C7C2



**Protanomaly**  
72B8B9



**Deuteranomaly**  
75B6C6



**Tritanomaly**  
19C5CD

# Monochromacy



**Original Color**  
00C7C2



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
58A19F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C7C2 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 #00C7C2 looks like.

```
.text, #text, p{  
    color:#00C7C2  
}
```

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 #00C7C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C7C2
}
```

## Border

The CSS property to change the border of an element to Hex 00C7C2 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
#00C7C2 }
```

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

```
.border{ border-color:#00C7C2 }
```

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

Here you see how a box with a 4 pixel #00C7C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C7C2; -webkit-box-shadow:4px 4px  
4px 4px #00C7C2; box-shadow:4px 4px 4px  
4px #00C7C2 }
```

# Background

The CSS property to change the background color of an element to Hex 00C7C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C7C2 }
```

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

```
.background{ background-color:#00C7C2 }
```

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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