

Converting Colors

Hex(00C7CC)

Have a look what the booklet for
Hex(00C7CC) contains.

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Color

Hex(00C7CC)

Conversions

Conversions Part 1

Format	Color
Hex	00C7CC
RGB	0, 199, 204
RGB Percent	0%, 78%, 80%
CMY	1.0000, 0.2196, 0.2000
CMYK	1.00, 0.02, 0.00, 0.20
HSL	181°, 100%, 40%
HSV	181°, 100%, 80%
XYZ	31.3225, 45.2065, 64.2016
YIQ	140.0690, -120.2090, -40.6330

Conversions

Conversions Part 2

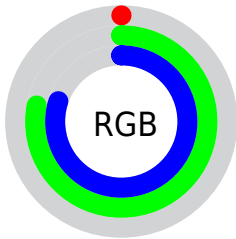
Format	Color
RYB	0, 101, 204
Decimal	51148
CIELab	73.03, -38.38, -14.21
CIELCh	73, 40.924, 200.324
Yxy	45.2065, 0.2226, 0.3212
Android (android.graphics.Color)	4278241228 (0xFF00C7CC)
YUV	140.0690, 31.5180, -122.8405
Hunter-Lab	67.2358, -34.5064, -9.5494

Details

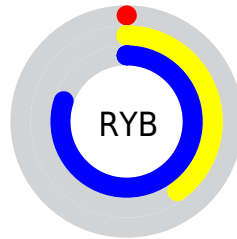
The Hex color **00C7CC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CC0500**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6AFFFF**, and **009096** is the 20% darker color. If you saturate the color by 10%, you get **00C7CC**, and if you desaturate by 10%, it is **14C8CC**.

Distribution



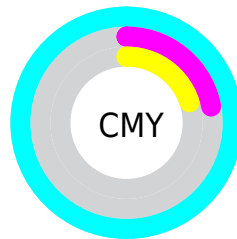
- Red (0%)
- Green (78%)
- Blue (80%)



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



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



- Cyan (100%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C7CC 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 00C7CC by changing the saturation by 10% instead.

 00C7CC

 00C7CC

FFFFFF

 00ABB1

 6AFFFF

 009096

 8BFFFF

 00767C

 ABFFFF

 005D63

 CAFFFF

 00444B

 E9FFFF

 002D35

 001420

 000005

 000000

 00C7CC

 14C8CC

 29C8CC

 3DC9CC

 52C9CC

 66CACC

 7ACACC

 8FCBCC

 A3CBCC

 B8CCCC

Harmonies

Analogous

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



54C6A5



00C7CC



08C3EC

Triad

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



00C7CC



D6A0E3



D6AD69

Complementary

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



00C7CC



CC0500

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.



F1A07B



00C7CC



F497C1

Square

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



00C7CC



A5AEF9



FC979B



B2B96C

Rectangle

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



00C7CC



4CBEF9



FC979B



E1A86D

Sweetspot

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



00C7CC



B3FDFD



00CC03



527E80



000000



808080

Same Dimension

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



00C7CC



00F9FF



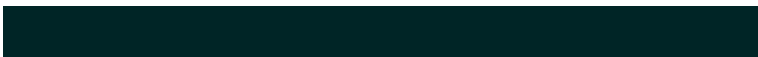
0063CC



5C6666



00A2A6



002526

Inverse Universe

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



CC00C7



FF00F9



CC6900



665C66



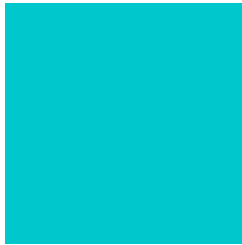
A600A2



260025

Previews

White Background



This preview shows how the Hex color 00C7CC 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 00C7CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

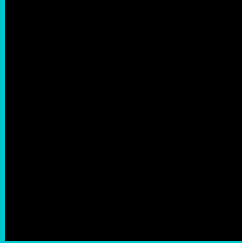
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

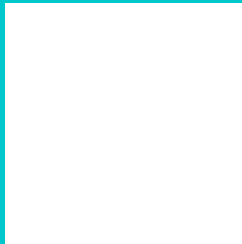
Any Text WCAG AAA ✓ Pass

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

Hex 00C7CC Background



This preview shows how black text looks on a background with the Hex color 00C7CC.

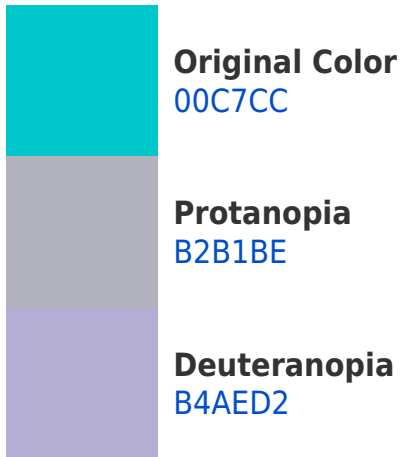


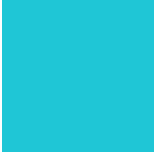
This preview shows how white text looks on a background with the Hex color 00C7CC.

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
1FC6D6

Trichromacy



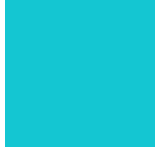
Original Color
00C7CC



Protanomaly
71B9C3



Deuteranomaly
73B7D0



Tritanomaly
14C6D2

Monochromacy



Original Color
00C7CC



Achromatopsia
8C8C8C



Achromatomaly
59A1A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C7CC 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 #00C7CC looks like.

```
.text, #text, p{  
    color:#00C7CC  
}
```

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 #00C7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C7CC  
}
```

Border

The CSS property to change the border of an element to Hex 00C7CC 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  
#00C7CC }
```

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

```
.border{ border-color:#00C7CC }
```

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

Here you see how a box with a 4 pixel #00C7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C7CC; -webkit-box-shadow:4px 4px  
4px 4px #00C7CC; box-shadow:4px 4px 4px  
4px #00C7CC }
```

Background

The CSS property to change the background color of an element to Hex 00C7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C7CC }
```

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

```
.background{ background-color:#00C7CC }
```

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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