

Converting Colors

Hex(00C5CA)

Have a look what the booklet for
Hex(00C5CA) contains.

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Color

Hex(00C5CA)

Conversions

Conversions Part 1

Format	Color
Hex	00C5CA
RGB	0, 197, 202
RGB Percent	0%, 77%, 79%
CMY	1.0000, 0.2275, 0.2078
CMYK	1.00, 0.02, 0.00, 0.21
HSL	181°, 100%, 40%
HSV	181°, 100%, 79%
XYZ	30.6269, 44.1968, 62.7937
YIQ	138.6670, -119.0170, -40.2090

Conversions

Conversions Part 2

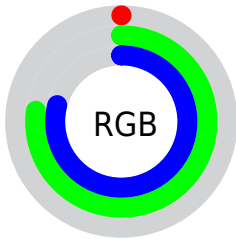
Format	Color
RYB	0, 100, 202
Decimal	50634
CIELab	72.36, -38.07, -14.13
CIELCh	72, 40.611, 200.361
Yxy	44.1968, 0.2226, 0.3212
Android (android.graphics.Color)	4278240714 (0xFF00C5CA)
YUV	138.6670, 31.2232, -121.6110
Hunter-Lab	66.4807, -34.1081, -9.4654

Details

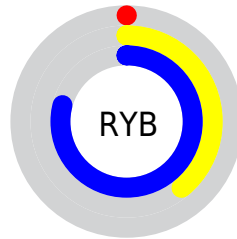
The Hex color **00C5CA** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CA0500**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **69FEFF**, and **008E94** is the 20% darker color. If you saturate the color by 10%, you get **00C5CA**, and if you desaturate by 10%, it is **14C6CA**.

Distribution



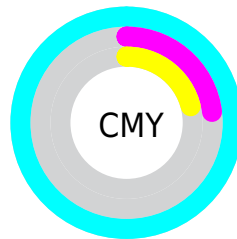
- Red (0%)
- Green (77%)
- Blue (79%)



- Red (0%)
- Yellow (39%)
- Blue (79%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C5CA 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 00C5CA by changing the saturation by 10% instead.

 00C5CA

 00C5CA

FFFFFF

 00A9AF


 69FEFF

 008E94

 8AFFFF

 00747A

 AAFFFF

 005B61


 C9FFFF

 00434A

 E8FFFF

 002C33

 00111E

 000002

 000000

 00C5CA

 14C6CA

 28C6CA

 3DC7CA

 51C7CA

 65C8CA

 79C8CA

 8DC9CA

 A2C9CA

 B6CACA

Harmonies

Analogous

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



53C4A4



00C5CA



08C1EA

Triad

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



00C5CA



D49FE1



D4AB68

Complementary

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



00C5CA



CA0500

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.



EE9E7A



00C5CA



F295BF

Square

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



00C5CA



A4ACF7



FA9599



B0B76A

Rectangle

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



00C5CA



4BBCF7



FA9599



DEA76C

Sweetspot

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



00C5CA



B3FDFD



00CA03



527E80



000000



808080

Same Dimension

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



00C5CA



00F9FF



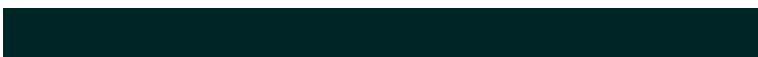
0062CA



5C6666



00A2A6



002526

Inverse Universe

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



CA00C5



FF00F9



CA6800



665C66



A600A2



260025

Previews

White Background



This preview shows how the Hex color 00C5CA looks on a white background.

Color Contrast Check

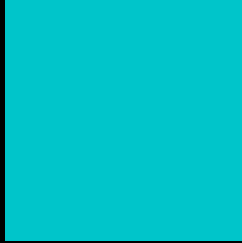
Large Text (above 18pt) WCAG AA × Fail

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 00C5CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

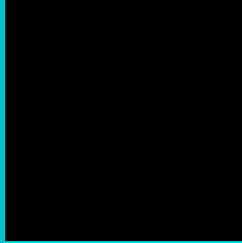
Any Text WCAG AA ✓ Pass

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 00C5CA Background



This preview shows how black text looks on a background with the Hex color 00C5CA.

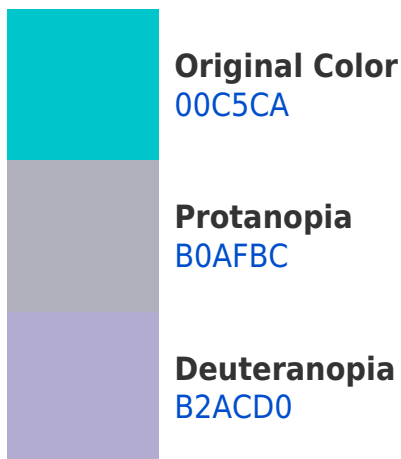


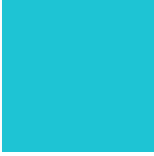
This preview shows how white text looks on a background with the Hex color 00C5CA.

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
1EC4D3

Trichromacy



Original Color
00C5CA



Protanomaly
70B7C1



Deuteranomaly
71B5CE



Tritanomaly
13C4D0

Monochromacy



Original Color
00C5CA



Achromatopsia
8B8B8B



Achromatomaly
58A0A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C5CA 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 #00C5CA looks like.

```
.text, #text, p{  
    color:#00C5CA  
}
```

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 #00C5CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C5CA
}
```

Border

The CSS property to change the border of an element to Hex 00C5CA 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
#00C5CA }
```

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

```
.border{ border-color:#00C5CA }
```

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

Here you see how a box with a 4 pixel #00C5CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C5CA; -webkit-box-shadow:4px 4px  
4px 4px #00C5CA; box-shadow:4px 4px 4px  
4px #00C5CA }
```

Background

The CSS property to change the background color of an element to Hex 00C5CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C5CA }
```

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

```
.background{ background-color:#00C5CA }
```

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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