

Converting Colors

Hex(00C1CF)

Have a look what the booklet for
Hex(00C1CF) contains.

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Color

Hex(00C1CF)

Conversions

Conversions Part 1

Format	Color
Hex	00C1CF
RGB	0, 193, 207
RGB Percent	0%, 76%, 81%
CMY	1.0000, 0.2431, 0.1882
CMYK	1.00, 0.07, 0.00, 0.19
HSL	184°, 100%, 41%
HSV	184°, 100%, 81%
XYZ	30.3324, 42.6449, 65.6641
YIQ	136.8890, -119.5220, -36.5620

Conversions

Conversions Part 2

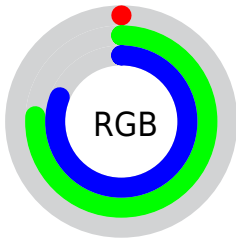
Format	Color
RYB	0, 100, 207
Decimal	49615
CIELab	71.31, -34.67, -18.43
CIELCh	71, 39.262, 208.002
Yxy	42.6449, 0.2188, 0.3076
Android (android.graphics.Color)	4278239695 (0xFF00C1CF)
YUV	136.8890, 34.5647, -120.0517
Hunter-Lab	65.3031, -31.3694, -13.9056

Details

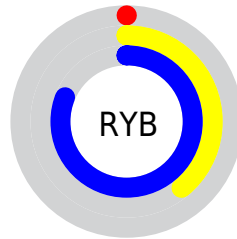
The Hex color **00C1CF** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CF0E00**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **69FAFF**, and **008B99** is the 20% darker color. If you saturate the color by 10%, you get **00C1CF**, and if you desaturate by 10%, it is **15C2CF**.

Distribution



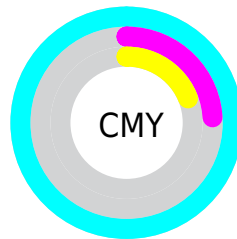
- Red (0%)
- Green (76%)
- Blue (81%)



- Red (0%)
- Yellow (39%)
- Blue (81%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C1CF 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 00C1CF by changing the saturation by 10% instead.

 00C1CF

 00C1CF

FFFFFF

 00A6B3

 69FAFF

 008B99

 8AFFFF

 00717F

 AAFFFF

 005866

 C9FFFF

 00404E

 E8FFFF

 002A37

 000B22

 000008

 000000

 00C1CF

 15C2CF

 29C4CF

 3EC5CF

 53C7CF

 68C8CF

 7CC9CF

 91BCBF

 A6CCCF

 BACECF

Harmonies

Analogous

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



47C2AB



00C1CF



31BCEA

Triad

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



00C1CF



D99AD5



C8AC66

Complementary

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



00C1CF



CF0E00

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.



E49F73



00C1CF



F093B2

Square

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



00C1CF



AFA6EE



F3958F



A3B76E

Rectangle

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



00C1CF



60B6F4



F3958F



D3A869

Sweetspot

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



00C1CF



B3FAFF



00CF0E



527C80



000000



808080

Same Dimension

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



00C1CF



00EEFF



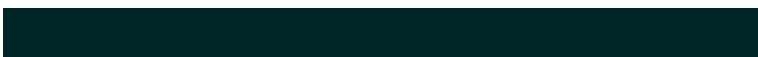
005ACF



5E6869



009DA8



002629

Inverse Universe

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



CF00C1



FF00EE



CF7500



695E68



A8009D



290026

Previews

White Background



This preview shows how the Hex color 00C1CF looks on a white background.

Color Contrast Check

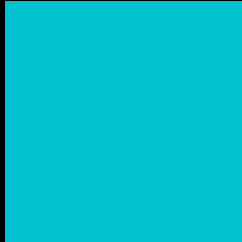
Large Text (above 18pt) WCAG AA × Fail

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 00C1CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

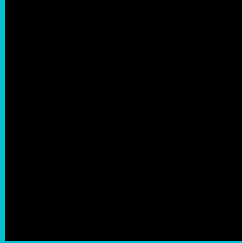
Any Text WCAG AA ✓ Pass

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 00C1CF Background



This preview shows how black text looks on a background with the Hex color 00C1CF.

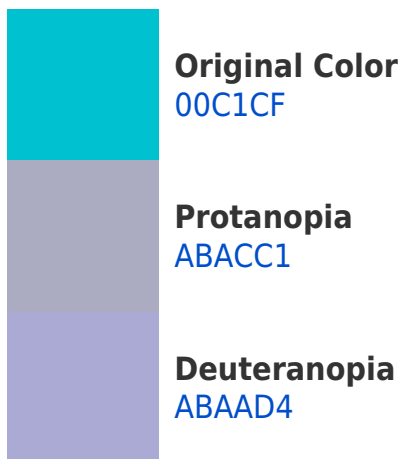


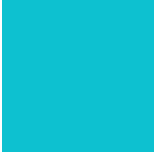
This preview shows how white text looks on a background with the Hex color 00C1CF.

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

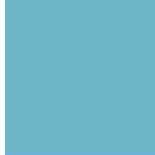




Trichromacy



Original Color
00C1CF



Protanomaly
6DB4C6



Deuteranomaly
6DB2D2



Tritanomaly
08C1D0

Monochromacy



Original Color
00C1CF



Achromatopsia
898989



Achromatomaly
579DA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C1CF 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 #00C1CF looks like.

```
.text, #text, p{  
    color:#00C1CF  
}
```

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 #00C1CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C1CF
}
```

Border

The CSS property to change the border of an element to Hex 00C1CF 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
#00C1CF }
```

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

```
.border{ border-color:#00C1CF }
```

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

Here you see how a box with a 4 pixel #00C1CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C1CF; -webkit-box-shadow:4px 4px  
4px 4px #00C1CF; box-shadow:4px 4px 4px  
4px #00C1CF }
```

Background

The CSS property to change the background color of an element to Hex 00C1CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C1CF }
```

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

```
.background{ background-color:#00C1CF }
```

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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