

Converting Colors

Hex(00C1D7)

Have a look what the booklet for
Hex(00C1D7) contains.

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Color

Hex(00C1D7)

Conversions

Conversions Part 1

Format	Color
Hex	00C1D7
RGB	0, 193, 215
RGB Percent	0%, 76%, 84%
CMY	1.0000, 0.2431, 0.1569
CMYK	1.00, 0.10, 0.00, 0.16
HSL	186°, 100%, 42%
HSV	186°, 100%, 84%
XYZ	31.3357, 43.0462, 70.9472
YIQ	137.8010, -122.0900, -34.0740

Conversions

Conversions Part 2

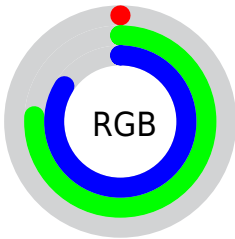
Format	Color
RYB	0, 102, 215
Decimal	49623
CIELab	71.59, -32.12, -22.38
CIELCh	72, 39.143, 214.869
Yxy	43.0462, 0.2156, 0.2962
Android (android.graphics.Color)	4278239703 (0xFF00C1D7)
YUV	137.8010, 38.0591, -120.8515
Hunter-Lab	65.6096, -29.5637, -18.1867

Details

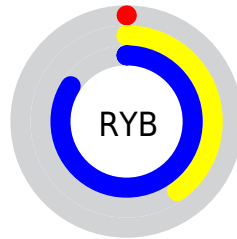
The Hex color **00C1D7** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D71600**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6AFAFF**, and **008BA0** is the 20% darker color. If you saturate the color by 10%, you get **00C1D7**, and if you desaturate by 10%, it is **15C3D7**.

Distribution



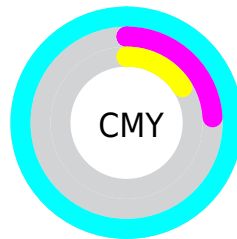
- Red (0%)
- Green (76%)
- Blue (84%)



- Red (0%)
- Yellow (40%)
- Blue (84%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C1D7 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 00C1D7 by changing the saturation by 10% instead.

 00C1D7

 00C1D7

FFFFFF

 00A6BB

 6AFAFF

 008BA0

 8CFFFF

 007186

 ACFFFF

 00586D


 CBFFFF

 004054

 EAFFFF

 002A3D

 000D27

 000111

 000000

 00C1D7

 15C3D7

 2BC5D7

 41C8D7

 56CAD7

 6CCCD7

 81CED7

 97D0D7

 ACD3D7

 C2D5D7

Harmonies

Analogous

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



3CC2B4



00C1D7



43BBEF

Triad

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



00C1D7



E198CE



C1AF67

Complementary

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



00C1D7



D71600

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.



E0A36F



00C1D7



F393AB

Square

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



00C1D7



BBA4EA



F29888



9BB973

Rectangle

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



00C1D7



70B5F6



F29888



CCAB68

Sweetspot

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



00C1D7



B3F7FF



00D715



527B80



000000



808080

Same Dimension

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



00C1D7



00E5FF



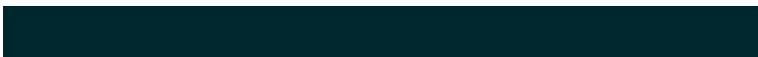
0056D7



606A6B



0099AB



00272B

Inverse Universe

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



D700C1



FF00E5



D78100



6B606A



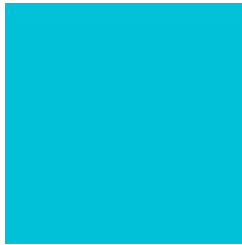
AB0099



2B0027

Previews

White Background



This preview shows how the Hex color 00C1D7 looks on a white background.

Color Contrast Check

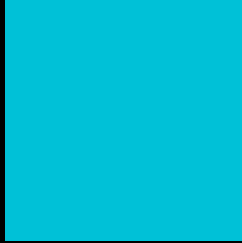
Large Text (above 18pt) WCAG AA × Fail

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 00C1D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

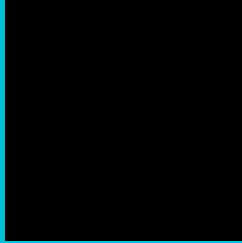
Any Text WCAG AA ✓ Pass

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 00C1D7 Background



This preview shows how black text looks on a background with the Hex color 00C1D7.

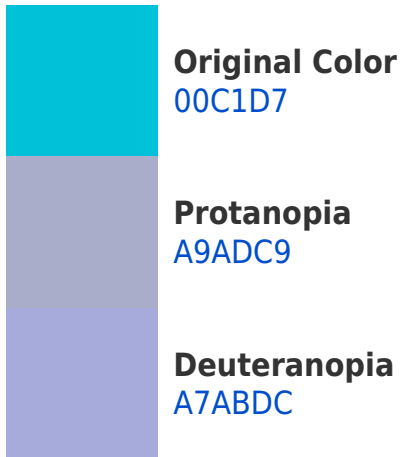


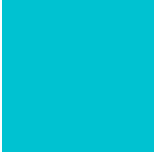
This preview shows how white text looks on a background with the Hex color 00C1D7.

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



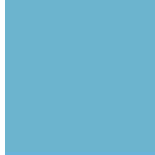


Tritanopia
00C2D1

Trichromacy



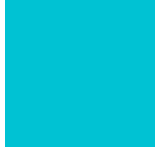
Original Color
00C1D7



Protanomaly
6CB4CE



Deuteranomaly
6AB3DA



Tritanomaly
00C2D3

Monochromacy



Original Color
00C1D7



Achromatopsia
8A8A8A



Achromatomaly
589EA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C1D7 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 #00C1D7 looks like.

```
.text, #text, p{  
    color:#00C1D7  
}
```

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 #00C1D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C1D7
}
```

Border

The CSS property to change the border of an element to Hex 00C1D7 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
#00C1D7 }
```

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

```
.border{ border-color:#00C1D7 }
```

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

Here you see how a box with a 4 pixel #00C1D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C1D7; -webkit-box-shadow:4px 4px  
4px 4px #00C1D7; box-shadow:4px 4px 4px  
4px #00C1D7 }
```

Background

The CSS property to change the background color of an element to Hex 00C1D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C1D7 }
```

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

```
.background{ background-color:#00C1D7 }
```

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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