

Converting Colors

Hex(00C0DF)

Have a look what the booklet for
Hex(00C0DF) contains.

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Color

Hex(00C0DF)

Conversions

Conversions Part 1

Format	Color
Hex	00C0DF
RGB	0, 192, 223
RGB Percent	0%, 75%, 87%
CMY	1.0000, 0.2471, 0.1255
CMYK	1.00, 0.14, 0.00, 0.13
HSL	188°, 100%, 44%
HSV	188°, 100%, 87%
XYZ	32.1689, 43.0270, 76.4216
YIQ	138.1260, -124.3830, -31.0630

Conversions

Conversions Part 2

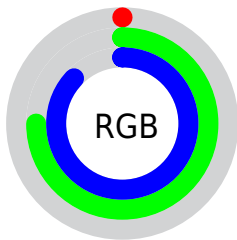
Format	Color
RYB	0, 103, 223
Decimal	49375
CIELab	71.57, -29.02, -26.75
CIELCh	72, 39.472, 222.665
Yxy	43.0270, 0.2122, 0.2838
Android (android.graphics.Color)	4278239455 (0xFF00C0DF)
YUV	138.1260, 41.8429, -121.1365
Hunter-Lab	65.5950, -27.2516, -23.1595

Details

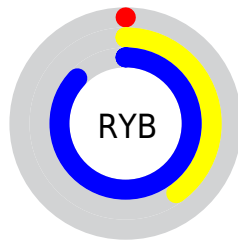
The Hex color **00C0DF** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **DF1F00**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6CF9FF**, and **008AA8** is the 20% darker color. If you saturate the color by 10%, you get **00C0DF**, and if you desaturate by 10%, it is **16C3DF**.

Distribution



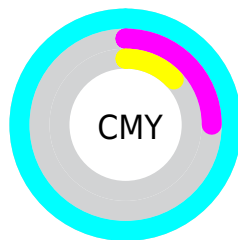
- Red (0%)
- Green (75%)
- Blue (87%)



- Red (0%)
- Yellow (40%)
- Blue (87%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C0DF 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 00C0DF by changing the saturation by 10% instead.

 00C0DF

 00C0DF

FFFFFF

 00A5C3

 6CF9FF

 008AA8

 8DFFFF

 00708D

 ADFFFF

 005874

 CDFFFF

 00405B

 ECFFFF

 002943

 000E2D

 000118

 000000

 00C0DF

 16C3DF

 2DC6DF

 43C9DF

 59CCDF

 70CFDF

 86D3DF

 9CD6DF

 B2D9DF

 C9DCDF

Harmonies

Analogous

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



29C3BE



00C0DF



54B9F3

Triad

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



00C0DF



E896C6



B8B268

Complementary

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



00C0DF



DF1F00

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.



D9A66B



00C0DF



F593A1

Square

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



00C0DF



C7A0E4



EF9A80



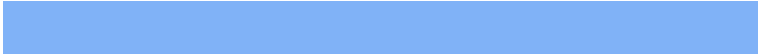
90BB79

Rectangle

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



00C0DF



80B2F7



EF9A80



C4AE67

Sweetspot

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



00C0DF



B3F4FF



00DF1E



527980



000000



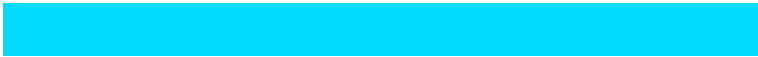
808080

Same Dimension

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



00C0DF



00DCFF



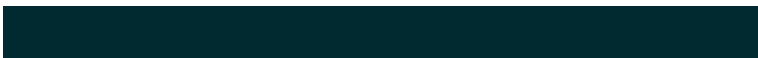
0052DF



656F70



0097B0



002A30

Inverse Universe

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



DF00C0



FF00DC



DF8D00



70656F



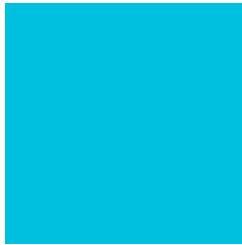
B00097



30002A

Previews

White Background



This preview shows how the Hex color 00C0DF looks on a white background.

Color Contrast Check

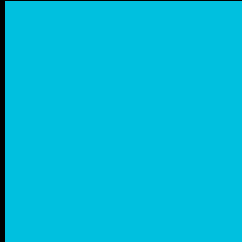
Large Text (above 18pt) WCAG AA × Fail

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 00C0DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

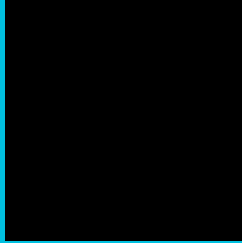
Any Text WCAG AA ✓ Pass

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 00C0DF Background



This preview shows how black text looks on a background with the Hex color 00C0DF.

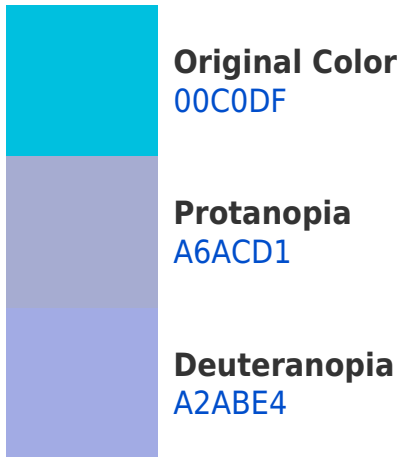


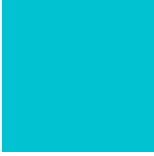
This preview shows how white text looks on a background with the Hex color 00C0DF.

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
00C0DF



Protanomaly
6AB3D6



Deuteranomaly
67B3E2



Tritanomaly
00C1D6

Monochromacy



Original Color
00C0DF



Achromatopsia
8A8A8A



Achromatomaly
589EA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C0DF 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 #00C0DF looks like.

```
.text, #text, p{  
  color:#00C0DF  
}
```

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 #00C0DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C0DF
}
```

Border

The CSS property to change the border of an element to Hex 00C0DF 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
#00C0DF }
```

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

```
.border{ border-color:#00C0DF }
```

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

Here you see how a box with a 4 pixel #00C0DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C0DF; -webkit-box-shadow:4px 4px  
4px 4px #00C0DF; box-shadow:4px 4px 4px  
4px #00C0DF }
```

Background

The CSS property to change the background color of an element to Hex 00C0DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C0DF }
```

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

```
.background{ background-color:#00C0DF }
```

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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