

Converting Colors

Hex(00C1F1)

Have a look what the booklet for
Hex(00C1F1) contains.

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Color

Hex(00C1F1)

Conversions

Conversions Part 1

Format	Color
Hex	00C1F1
RGB	0, 193, 241
RGB Percent	0%, 76%, 95%
CMY	1.0000, 0.2431, 0.0549
CMYK	1.00, 0.20, 0.00, 0.05
HSL	192°, 100%, 47%
HSV	192°, 100%, 95%
XYZ	34.9471, 44.4908, 89.9648
YIQ	140.7650, -130.4360, -25.9880

Conversions

Conversions Part 2

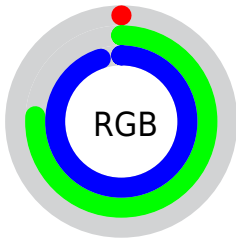
Format	Color
RYB	0, 107, 241
Decimal	49649
CIELab	72.56, -23.50, -34.99
CIELCh	73, 42.151, 236.112
Yxy	44.4908, 0.2063, 0.2626
Android (android.graphics.Color)	4278239729 (0xFF00C1F1)
YUV	140.7650, 49.4159, -123.4509
Hunter-Lab	66.7014, -23.2053, -33.2775

Details

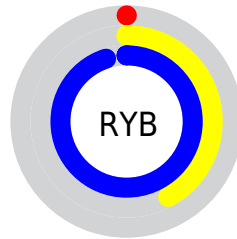
The Hex color **00C1F1** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F13000**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6FFAFF**, and **008BB9** is the 20% darker color. If you saturate the color by 10%, you get **00C1F1**, and if you desaturate by 10%, it is **18C6F1**.

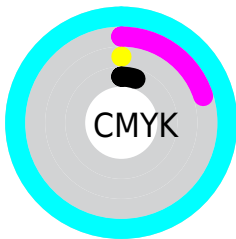
Distribution



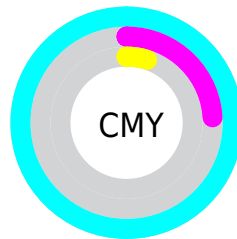
- Red (0%)
- Green (76%)
- Blue (95%)



- Red (0%)
- Yellow (42%)
- Blue (95%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C1F1 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 00C1F1 by changing the saturation by 10% instead.

 00C1F1

 00C1F1

FFFFFF

 00A6D5

 6FFAFF

 008BB9

 91FFFF

 00729E

 B1FFFF

 005983

 D1FFFF

 00416A

 F1FFFF

 002B51

 00143A

 000224

 00000C

 00C1F1

 18C6F1

 30CBF1

 48CFF1

 60D4F1

 78D9F1

 91DEF1

 A9E3F1

 C1E7F1

 D9ECF1

Harmonies

Analogous

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



00C6D3



00C1F1



6EB7FE

Triad

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



00C1F1



F894B9



A8BA6B

Complementary

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



00C1F1



F13000

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.



CFAE64



00C1F1



FC9692

Square

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



00C1F1



DE9CDD



EDA073



7BC286

Rectangle

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



00C1F1



9BAFFC



EDA073



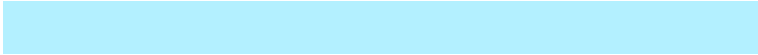
B6B666

Sweetspot

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



00C1F1



B3F0FF



00F12C



527680



000000



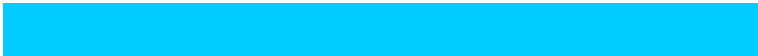
808080

Same Dimension

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



00C1F1



00CCFF



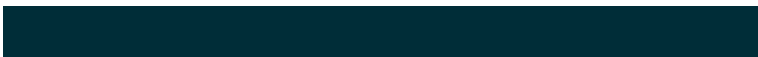
004CF1



6C7578



0093B8



002D38

Inverse Universe

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



F100C1



FF00CC



F1A500



786C75



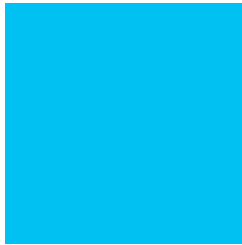
B80093



38002D

Previews

White Background



This preview shows how the Hex color 00C1F1 looks on a white background.

Color Contrast Check

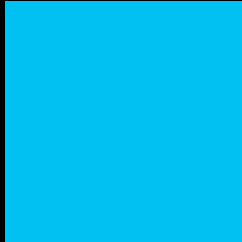
Large Text (above 18pt) WCAG AA × Fail

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 00C1F1 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 00C1F1 Background



This preview shows how black text looks on a background with the Hex color 00C1F1.

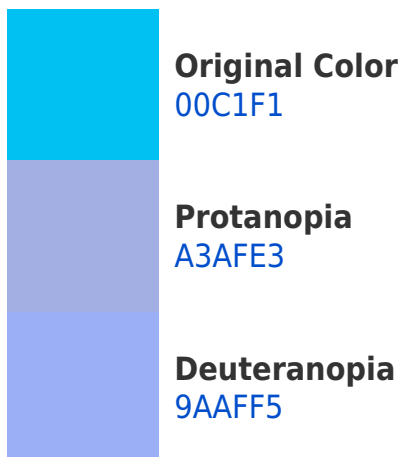


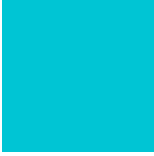
This preview shows how white text looks on a background with the Hex color 00C1F1.

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
00C5D4

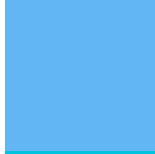
Trichromacy



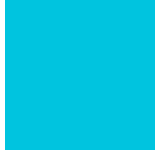
Original Color
00C1F1



Protanomaly
68B6E8



Deuteranomaly
62B6F4



Tritanomaly
00C4DF

Monochromacy



Original Color
00C1F1



Achromatopsia
8D8D8D



Achromatomaly
5AA0B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C1F1 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 #00C1F1 looks like.

```
.text, #text, p{  
    color:#00C1F1  
}
```

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 #00C1F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C1F1
}
```

Border

The CSS property to change the border of an element to Hex 00C1F1 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
#00C1F1 }
```

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

```
.border{ border-color:#00C1F1 }
```

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

Here you see how a box with a 4 pixel #00C1F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C1F1; -webkit-box-shadow:4px 4px  
4px 4px #00C1F1; box-shadow:4px 4px 4px  
4px #00C1F1 }
```

Background

The CSS property to change the background color of an element to Hex 00C1F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C1F1 }
```

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

```
.background{ background-color:#00C1F1 }
```

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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