

Converting Colors

Hex(00C1F2)

Have a look what the booklet for
Hex(00C1F2) contains.

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Color

Hex(00C1F2)

Conversions

Conversions Part 1

Format	Color
Hex	00C1F2
RGB	0, 193, 242
RGB Percent	0%, 76%, 95%
CMY	1.0000, 0.2431, 0.0510
CMYK	1.00, 0.20, 0.00, 0.05
HSL	192°, 100%, 47%
HSV	192°, 100%, 95%
XYZ	35.0970, 44.5507, 90.7537
YIQ	140.8790, -130.7570, -25.6770

Conversions

Conversions Part 2

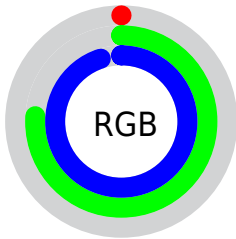
Format	Color
RYB	0, 107, 242
Decimal	49650
CIELab	72.60, -23.16, -35.47
CIELCh	73, 42.362, 236.855
Yxy	44.5507, 0.2060, 0.2614
Android (android.graphics.Color)	4278239730 (0xFF00C1F2)
YUV	140.8790, 49.8527, -123.5509
Hunter-Lab	66.7463, -22.9461, -33.8931

Details

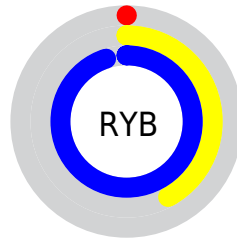
The Hex color **00C1F2** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F23100**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6FFAFF**, and **008BBA** is the 20% darker color. If you saturate the color by 10%, you get **00C1F2**, and if you desaturate by 10%, it is **18C6F2**.

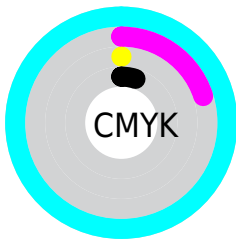
Distribution



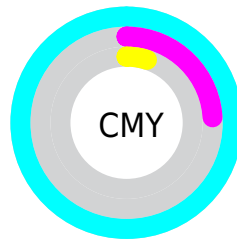
- Red (0%)
- Green (76%)
- Blue (95%)



- 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 00C1F2 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 00C1F2 by changing the saturation by 10% instead.

 00C1F2

 00C1F2

FFFFFF

 00A6D6

 6FFAFF

 008BBA

 91FFFF

 00729F

 B2FFFF

 005984

 D2FFFF

 00416B

 F1FFFF

 002B52

 00143B

 000225

 00010D

 00C1F2

 18C6F2

 30CBF2

 49D0F2

 61D5F2

 79D9F2

 91DEF2

 A9E3F2

 C2E8F2

 DAEDF2

Harmonies

Analogous

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



00C6D4



00C1F2



6FB7FF

Triad

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



00C1F2



F894B8



A7BA6B

Complementary

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



00C1F2



F23100

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



00C1F2



FC9691

Square

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



00C1F2



DF9CDD



EDA172



79C286

Rectangle

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



00C1F2



9CAEFC



EDA172



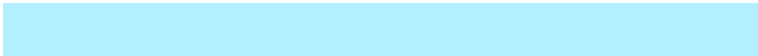
B5B766

Sweetspot

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



00C1F2



B3F0FF



00F230



527680



000000



808080

Same Dimension

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



00C1F2



00CBFF



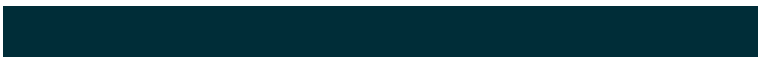
0049F2



6C7578



0092B8



002D38

Inverse Universe

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



F200C1



FF00CB



F2A900



786C75



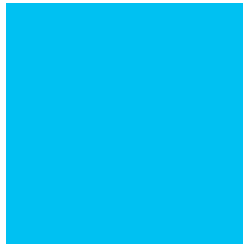
B80092



38002D

Previews

White Background



This preview shows how the Hex color 00C1F2 looks on a white background.

Color Contrast Check

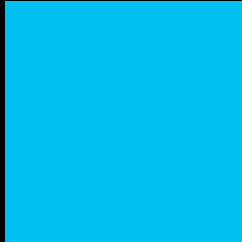
Large Text (above 18pt) WCAG AA × Fail

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 00C1F2 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 00C1F2 Background



This preview shows how black text looks on a background with the Hex color 00C1F2.

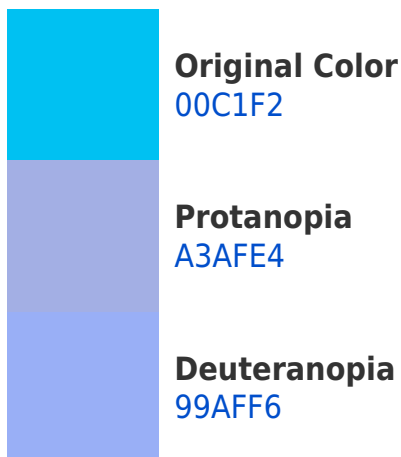


This preview shows how white text looks on a background with the Hex color 00C1F2.

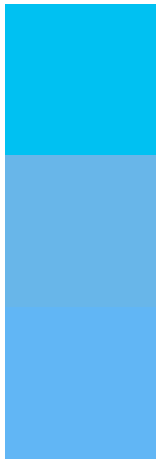
Color Blindness Simulation

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
00C1F2

Protanomaly
68B6E9

Deuteranomaly
61B6F5

Monochromacy



Original Color
00C1F2

Achromatopsia
8D8D8D

Achromatomaly
5AA0B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C1F2 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 #00C1F2 looks like.

```
.text, #text, p{  
    color:#00C1F2  
}
```

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 #00C1F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C1F2
}
```

Border

The CSS property to change the border of an element to Hex 00C1F2 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
#00C1F2 }
```

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

```
.border{ border-color:#00C1F2 }
```

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

Here you see how a box with a 4 pixel #00C1F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C1F2; -webkit-box-shadow:4px 4px  
4px 4px #00C1F2; box-shadow:4px 4px 4px  
4px #00C1F2 }
```

Background

The CSS property to change the background color of an element to Hex 00C1F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C1F2 }
```

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

```
.background{ background-color:#00C1F2 }
```

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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