

Converting Colors

Hex(00C1F3)

Have a look what the booklet for
Hex(00C1F3) contains.

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Color

Hex(00C1F3)

Conversions

Conversions Part 1

Format	Color
Hex	00C1F3
RGB	0, 193, 243
RGB Percent	0%, 76%, 95%
CMY	1.0000, 0.2431, 0.0471
CMYK	1.00, 0.21, 0.00, 0.05
HSL	192°, 100%, 48%
HSV	192°, 100%, 95%
XYZ	35.2476, 44.6110, 91.5471
YIQ	140.9930, -131.0780, -25.3660

Conversions

Conversions Part 2

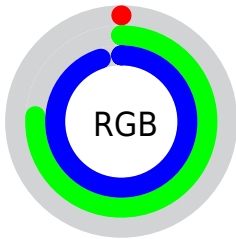
Format	Color
RYB	0, 108, 243
Decimal	49651
CIELab	72.64, -22.82, -35.95
CIELCh	73, 42.580, 237.590
Yxy	44.6110, 0.2056, 0.2603
Android (android.graphics.Color)	4278239731 (0xFF00C1F3)
YUV	140.9930, 50.2895, -123.6509
Hunter-Lab	66.7915, -22.6859, -34.5112

Details

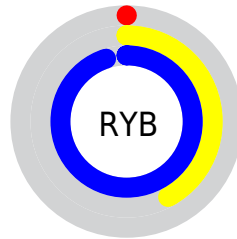
The Hex color **00C1F3** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F33200**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6FFAFF**, and **008BBB** is the 20% darker color. If you saturate the color by 10%, you get **00C1F3**, and if you desaturate by 10%, it is **18C6F3**.

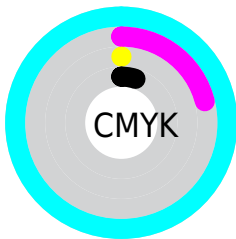
Distribution



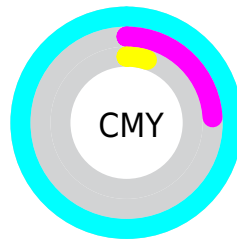
- Red (0%)
- Green (76%)
- Blue (95%)



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



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00C1F3 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 00C1F3 by changing the saturation by 10% instead.

 00C1F3

 00C1F3

FFFFFF

 00A6D6

 6FFAFF

 008BBB

 91FFFF

 00729F

 B2FFFF

 005985

 D2FFFF

 00416C

 F2FFFF

 002B53

 00153C

 000225

 00010E

 00C1F3

 18C6F3

 31CBF3

 49D0F3

 61D5F3

 79DAF3

 92DFF3

 AAE4F3

 C2E9F3

 DBEEF3

Harmonies

Analogous

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



00C6D5



00C1F3



70B7FF

Triad

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



00C1F3



F993B7



A6BB6B

Complementary

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



00C1F3



F33200

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.



CEAF63



00C1F3



FC9690

Square

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



00C1F3



E09BDD



ECA172



78C387

Rectangle

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



00C1F3



9EAEFC



ECA172



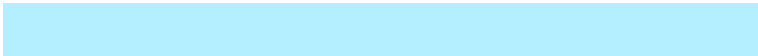
B4B766

Sweetspot

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



00C1F3



B3EFFF



00F331



527680



000000



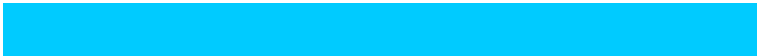
808080

Same Dimension

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



00C1F3



00CBFF



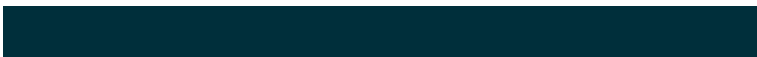
0049F3



6E787A



0094BA



002F3B

Inverse Universe

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



F300C1



FF00CB



F3AA00



7A6E78



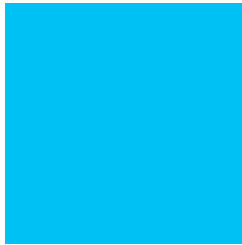
BA0094



3B002F

Previews

White Background



This preview shows how the Hex color 00C1F3 looks on a white background.

Color Contrast Check

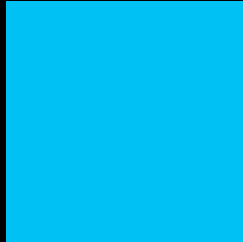
Large Text (above 18pt) WCAG AA × Fail

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 00C1F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

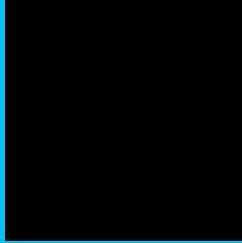
Any Text WCAG AA ✓ Pass

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 00C1F3 Background



This preview shows how black text looks on a background with the Hex color 00C1F3.

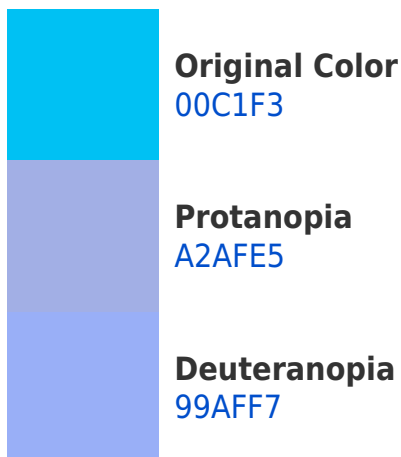


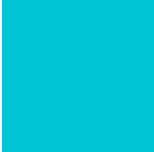
This preview shows how white text looks on a background with the Hex color 00C1F3.

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

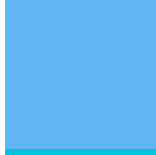
Trichromacy



Original Color
00C1F3



Protanomaly
67B6EA



Deuteranomaly
61B6F6



Tritanomaly
00C4DF

Monochromacy



Original Color
00C1F3



Achromatopsia
8D8D8D



Achromatomaly
5AA0B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C1F3 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 #00C1F3 looks like.

```
.text, #text, p{  
    color:#00C1F3  
}
```

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 #00C1F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C1F3
}
```

Border

The CSS property to change the border of an element to Hex 00C1F3 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
#00C1F3 }
```

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

```
.border{ border-color:#00C1F3 }
```

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

Here you see how a box with a 4 pixel #00C1F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C1F3; -webkit-box-shadow:4px 4px  
4px 4px #00C1F3; box-shadow:4px 4px 4px  
4px #00C1F3 }
```

Background

The CSS property to change the background color of an element to Hex 00C1F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C1F3 }
```

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

```
.background{ background-color:#00C1F3 }
```

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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