

Converting Colors

Hex(00C7F3)

Have a look what the booklet for
Hex(00C7F3) contains.

Hex(00C7F3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00C7F3)

Conversions

Conversions Part 1

Format	Color
Hex	00C7F3
RGB	0, 199, 243
RGB Percent	0%, 78%, 95%
CMY	1.0000, 0.2196, 0.0471
CMYK	1.00, 0.18, 0.00, 0.05
HSL	191°, 100%, 48%
HSV	191°, 100%, 95%
XYZ	36.6011, 47.3179, 91.9982
YIQ	144.5150, -132.7280, -28.5040

Conversions

Conversions Part 2

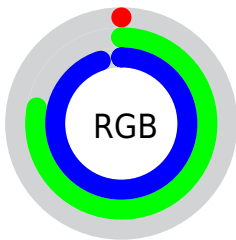
Format	Color
RYB	0, 109, 243
Decimal	51187
CIELab	74.39, -25.86, -33.23
CIELCh	74, 42.103, 232.109
Yxy	47.3179, 0.2081, 0.2690
Android (android.graphics.Color)	4278241267 (0xFF00C7F3)
YUV	144.5150, 48.5531, -126.7397
Hunter-Lab	68.7880, -25.4018, -31.1438

Details

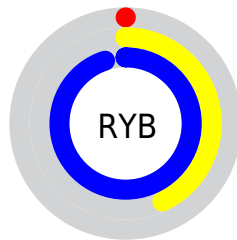
The Hex color **00C7F3** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F32C00**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **70FFFF**, and **0091BB** is the 20% darker color. If you saturate the color by 10%, you get **00C7F3**, and if you desaturate by 10%, it is **18CBF3**.

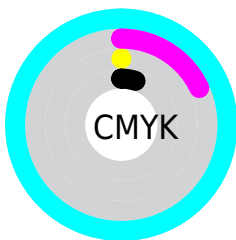
Distribution



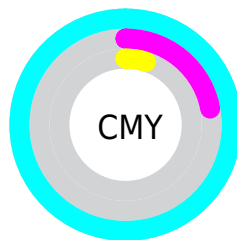
- Red (0%)
- Green (78%)
- Blue (95%)



- Red (0%)
- Yellow (43%)
- Blue (95%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C7F3 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 00C7F3 by changing the saturation by 10% instead.

 00C7F3

FFFFFF

 70FFFF

 92FFFF

 B3FFFF

 D3FFFF

 F2FFFF

 00C7F3

 00ACD6

 0091BB

 0077A0

 005E85

 00466C

 002F53

 001B3C

 000226

 00010F

 00C7F3

 18CBF3

 31D0F3

 49D4F3

 61D9F3

 79DDF3

 92E1F3

 AAE6F3

 C2EAF3

 DBEFF3

Harmonies

Analogous

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



00CBD3



00C7F3



6ABEFF

Triad

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



00C7F3



FB99C3



B3BD6E

Complementary

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



00C7F3



F32C00

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.



D9B16A



00C7F3



FF9A9C

Square

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



00C7F3



DEA3E7



F5A47B



86C686

Rectangle

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



00C7F3



98B5FF



F5A47B



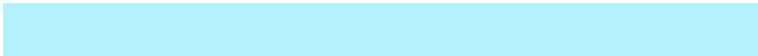
C1BA6A

Sweetspot

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



00C7F3



B3F1FF



00F328



527780



000000



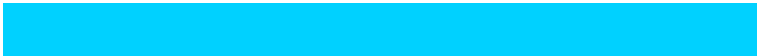
808080

Same Dimension

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



00C7F3



00D1FF



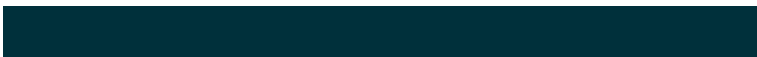
0051F3



6E787A



0098BA



00303B

Inverse Universe

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



F300C7



FF00D1



F3A200



7A6E78



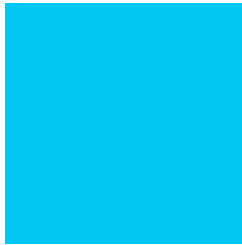
BA0098



3B0030

Previews

White Background



This preview shows how the Hex color 00C7F3 looks on a white background.

Color Contrast Check

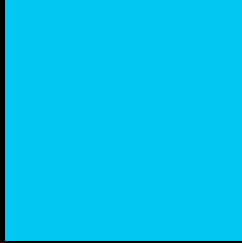
Large Text (above 18pt) WCAG AA × Fail

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 00C7F3 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 00C7F3 Background



This preview shows how black text looks on a background with the Hex color 00C7F3.

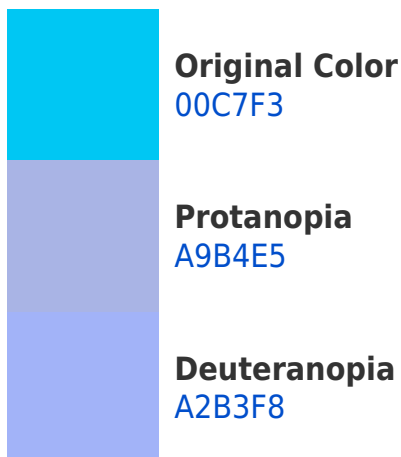


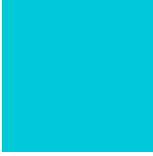
This preview shows how white text looks on a background with the Hex color 00C7F3.

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





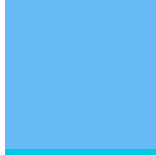
Trichromacy



Original Color
00C7F3



Protanomaly
6CBBEA



Deuteranomaly
67BAF6



Tritanomaly
00C9E3

Monochromacy



Original Color
00C7F3



Achromatopsia
919191



Achromatomaly
5CA5B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C7F3 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 #00C7F3 looks like.

```
.text, #text, p{  
    color:#00C7F3  
}
```

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 #00C7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C7F3
}
```

Border

The CSS property to change the border of an element to Hex 00C7F3 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
#00C7F3 }
```

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

```
.border{ border-color:#00C7F3 }
```

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

Here you see how a box with a 4 pixel #00C7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C7F3; -webkit-box-shadow:4px 4px  
4px 4px #00C7F3; box-shadow:4px 4px 4px  
4px #00C7F3 }
```

Background

The CSS property to change the background color of an element to Hex 00C7F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C7F3 }
```

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

```
.background{ background-color:#00C7F3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor