

Converting Colors

Hex(00C7FD)

Have a look what the booklet for
Hex(00C7FD) contains.

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Color

Hex(00C7FD)

Conversions

Conversions Part 1

Format	Color
Hex	00C7FD
RGB	0, 199, 253
RGB Percent	0%, 78%, 99%
CMY	1.0000, 0.2196, 0.0078
CMYK	1.00, 0.21, 0.00, 0.01
HSL	193°, 100%, 50%
HSV	193°, 100%, 99%
XYZ	38.1530, 47.9387, 100.1707
YIQ	145.6550, -135.9380, -25.3940

Conversions

Conversions Part 2

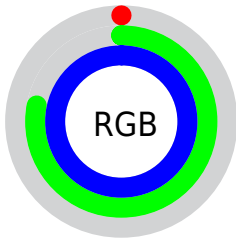
Format	Color
RYB	0, 111, 253
Decimal	51197
CIELab	74.79, -22.48, -37.99
CIELCh	75, 44.144, 239.381
Yxy	47.9387, 0.2048, 0.2574
Android (android.graphics.Color)	4278241277 (0xFF00C7FD)
YUV	145.6550, 52.9211, -127.7394
Hunter-Lab	69.2378, -22.8048, -37.3122

Details

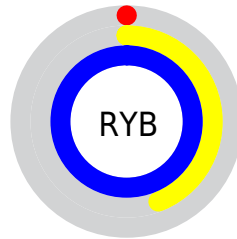
The Hex color **00C7FD** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FD3600**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **72FFFF**, and **0091C4** is the 20% darker color. If you saturate the color by 10%, you get **00C7FD**, and if you desaturate by 10%, it is **19CCFD**.

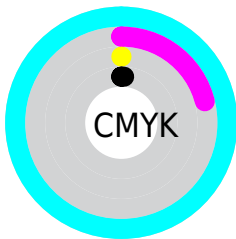
Distribution



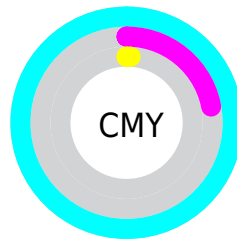
- Red (0%)
- Green (78%)
- Blue (99%)



- Red (0%)
- Yellow (44%)
- Blue (99%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C7FD 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 00C7FD by changing the saturation by 10% instead.

 00C7FD

FFFFFF

 72FFFF

 94FFFF

 B5FFFF

 D5FFFF

 F5FFFF

 00C7FD

 00ACE0

 0091C4

 0077A9

 005E8E

 004774

 00305B

 001D43

 00032D

 000117

 00C7FD

 19CCFD

 33D2FD

 4CD7FD

 65DDFD

 7FE2FD

 98E7FD

 B1EDFD

 CAF2FD

 E4F8FD

Harmonies

Analogous

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



00CDDF



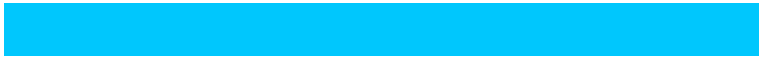
00C7FD



77BCFF

Triad

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



00C7FD



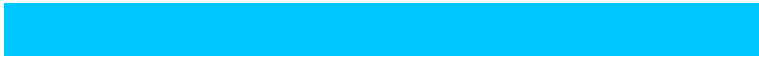
FF98BA



A9C26F

Complementary

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



00C7FD



FD3600

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.



D3B566



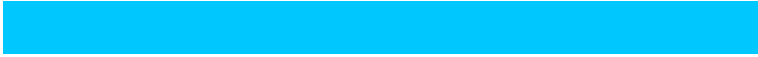
00C7FD



FF9B92

Square

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



00C7FD



EA9FE2



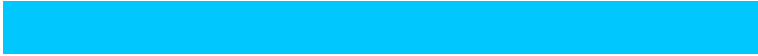
F3A773



78CA8D

Rectangle

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



00C7FD



A6B3FF



F3A773



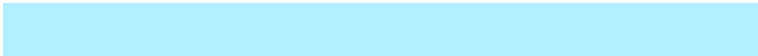
B8BE6A

Sweetspot

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



00C7FD



B3EFFF



00FD33



527680



000000



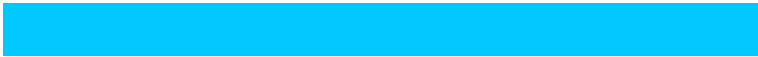
808080

Same Dimension

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



00C7FD



00C9FF



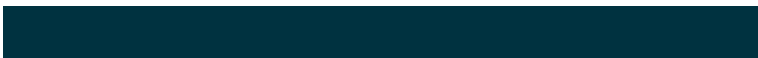
004CFD



737D80



0096BF



003240

Inverse Universe

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



FD00C7



FF00C9



FDB100



80737D



BF0096



400032

Previews

White Background



This preview shows how the Hex color 00C7FD looks on a white background.

Color Contrast Check

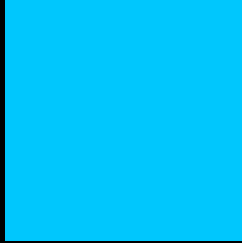
Large Text (above 18pt) WCAG AA × Fail

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 00C7FD 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 00C7FD Background



This preview shows how black text looks on a background with the Hex color 00C7FD.

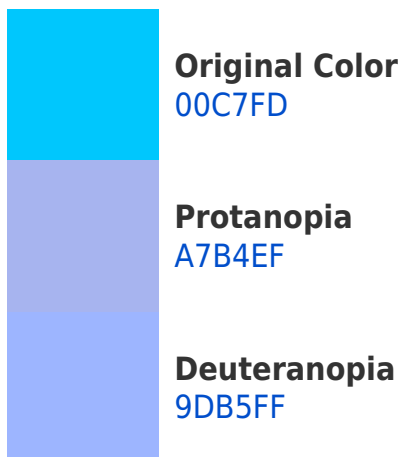


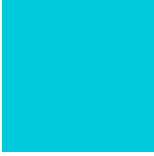
This preview shows how white text looks on a background with the Hex color 00C7FD.

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
00CBDB

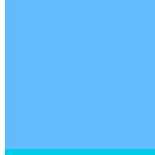
Trichromacy



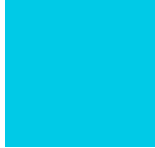
Original Color
00C7FD



Protanomaly
6ABBF4



Deuteranomaly
64BCFE



Tritanomaly
00CAE7

Monochromacy



Original Color
00C7FD



Achromatopsia
929292



Achromatomaly
5DA5B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C7FD 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 #00C7FD looks like.

```
.text, #text, p{  
    color:#00C7FD  
}
```

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 #00C7FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C7FD
}
```

Border

The CSS property to change the border of an element to Hex 00C7FD 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
#00C7FD }
```

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

```
.border{ border-color:#00C7FD }
```

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

Here you see how a box with a 4 pixel #00C7FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C7FD; -webkit-box-shadow:4px 4px  
4px 4px #00C7FD; box-shadow:4px 4px 4px  
4px #00C7FD }
```

Background

The CSS property to change the background color of an element to Hex 00C7FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C7FD }
```

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

```
.background{ background-color:#00C7FD }
```

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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