

Converting Colors

Hex(00D5FC)

Have a look what the booklet for
Hex(00D5FC) contains.

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Color

Hex(00D5FC)

Conversions

Conversions Part 1

Format	Color
Hex	00D5FC
RGB	0, 213, 252
RGB Percent	0%, 84%, 99%
CMY	1.0000, 0.1647, 0.0118
CMYK	1.00, 0.15, 0.00, 0.01
HSL	189°, 100%, 49%
HSV	189°, 100%, 99%
XYZ	41.3649, 54.6168, 100.4574
YIQ	153.7590, -139.4670, -33.0270

Conversions

Conversions Part 2

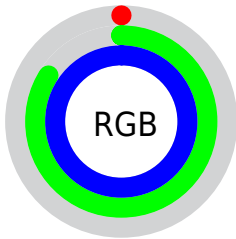
Format	Color
R _{YB}	0, 115, 252
Decimal	54780
CIE Lab	78.82, -29.80, -31.22
CIE LCh	79, 43.158, 226.334
Yxy	54.6168, 0.2106, 0.2780
Android (android.graphics.Color)	4278244860 (0xFF00D5FC)
YUV	153.7590, 48.4328, -134.8466
Hunter-Lab	73.9032, -29.4209, -28.8613

Details

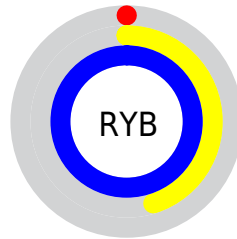
The Hex color **00D5FC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FC2700**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **73FFFF**, and **009EC3** is the 20% darker color. If you saturate the color by 10%, you get **00D5FC**, and if you desaturate by 10%, it is **19D9FC**.

Distribution



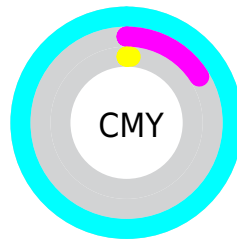
- Red (0%)
- Green (84%)
- Blue (99%)



- Red (0%)
- Yellow (45%)
- Blue (99%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D5FC 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 00D5FC by changing the saturation by 10% instead.

 00D5FC

FFFFFF

 73FFFF

 96FFFF

 B7FFFF

 D7FFFF

 F7FFFF

 00D5FC

 00B9DF

 009EC3

 0084A8

 006A8D

 005174

 003A5B

 002543

 00032D

 000117

 00D5FC

 19D9FC

 32DDFC

 4CE1FC

 65E5FC

 7EE8FC

 97ECFC

 B0F0FC

 CAF4FC

 E3F8FC

Harmonies

Analogous

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



1FD8D8



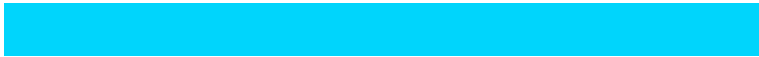
00D5FC



66CDDF

Triad

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



00D5FC



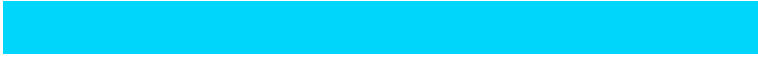
FFA6D7



C7C875

Complementary

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



00D5FC



FC2700

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.



EDBA75



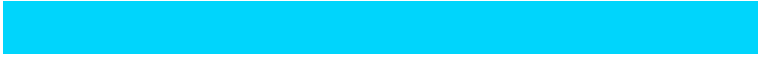
00D5FC



FFA4AE

Square

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



00D5FC



E3B1FB



FFAD8B



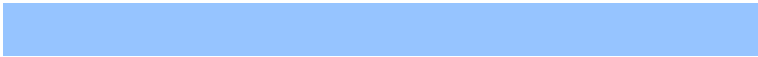
9AD28A

Rectangle

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



00D5FC



96C4FF



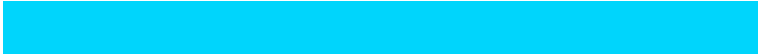
FFAD8B



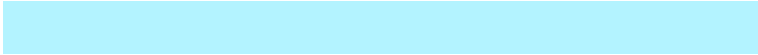
D5C372

Sweetspot

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



00D5FC



B3F3FF



00FC26



527880



000000



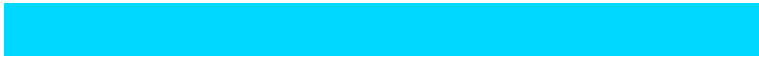
808080

Same Dimension

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



00D5FC



00D8FF



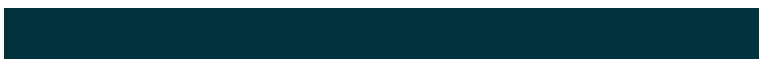
0058FC



707B7D



009FBD



00343D

Inverse Universe

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



FC00D5



FF00D8



FCA400



7D707B



BD009F



3D0034

Previews

White Background



This preview shows how the Hex color 00D5FC looks on a white background.

Color Contrast Check

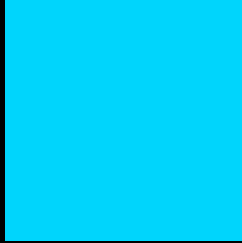
Large Text (above 18pt) WCAG AA × Fail

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 00D5FC 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 00D5FC Background



This preview shows how black text looks on a background with the Hex color 00D5FC.

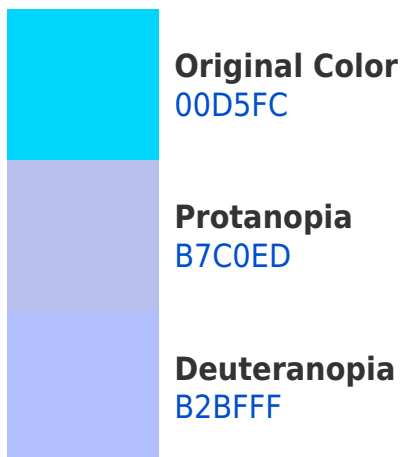


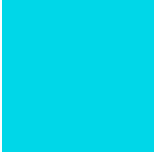
This preview shows how white text looks on a background with the Hex color 00D5FC.

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



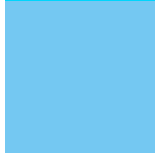


Tritanopia
00D7E8

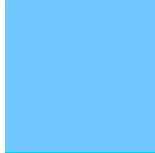
Trichromacy



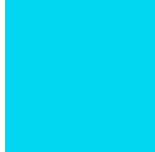
Original Color
00D5FC



Protanomaly
74C8F2



Deuteranomaly
71C7FE

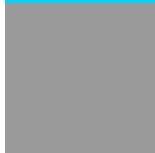


Tritanomaly
00D6EF

Monochromacy



Original Color
00D5FC



Achromatopsia
9A9A9A



Achromatomaly
62AFBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D5FC 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 #00D5FC looks like.

```
.text, #text, p{  
    color:#00D5FC  
}
```

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 #00D5FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D5FC
}
```

Border

The CSS property to change the border of an element to Hex 00D5FC 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
#00D5FC }
```

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

```
.border{ border-color:#00D5FC }
```

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

Here you see how a box with a 4 pixel #00D5FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D5FC; -webkit-box-shadow:4px 4px  
4px 4px #00D5FC; box-shadow:4px 4px 4px  
4px #00D5FC }
```

Background

The CSS property to change the background color of an element to Hex 00D5FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D5FC }
```

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

```
.background{ background-color:#00D5FC }
```

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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