

Converting Colors

Hex(00D5FE)

Have a look what the booklet for
Hex(00D5FE) contains.

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Color

Hex(00D5FE)

Conversions

Conversions Part 1

Format	Color
Hex	00D5FE
RGB	0, 213, 254
RGB Percent	0%, 84%, 100%
CMY	1.0000, 0.1647, 0.0039
CMYK	1.00, 0.16, 0.00, 0.00
HSL	190°, 100%, 50%
HSV	190°, 100%, 100%
XYZ	41.6836, 54.7443, 102.1357
YIQ	153.9870, -140.1090, -32.4050

Conversions

Conversions Part 2

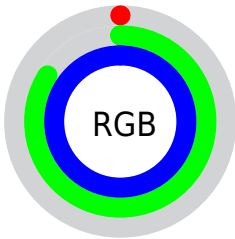
Format	Color
RYB	0, 116, 254
Decimal	54782
CIELab	78.89, -29.15, -32.17
CIELCh	79, 43.410, 227.825
Yxy	54.7443, 0.2099, 0.2757
Android (android.graphics.Color)	4278244862 (0xFF00D5FE)
YUV	153.9870, 49.3064, -135.0466
Hunter-Lab	73.9894, -28.9192, -30.0520

Details

The Hex color **00D5FE** 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 **FE2900**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **73FFFF**, and **009EC5** is the 20% darker color. If you saturate the color by 10%, you get **00D5FE**, and if you desaturate by 10%, it is **19D9FE**.

Distribution



- Red (0%)
- Green (84%)
- Blue (100%)



- Red (0%)
- Yellow (45%)
- Blue (100%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D5FE 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 00D5FE by changing the saturation by 10% instead.

 00D5FE

 00D5FE

FFFFFF

 00B9E1

 73FFFF

 009EC5

 96FFFF

 0084AA

 B7FFFF

 006A8F

 D8FFFF

 005275

 F8FFFF

 003A5D

 002545

 00042E

 000119

 00D5FE

 19D9FE

 33DDFE

 4CE1FE

 66E5FE

 7FEAFE

 98EEFE

 B2F2FE

 CBF6FE

 E5FAFE

Harmonies

Analogous

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



16D9DB



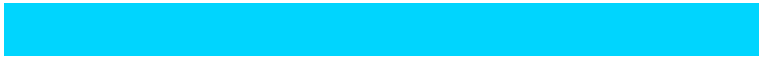
00D5FE



69CCFF

Triad

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



00D5FE



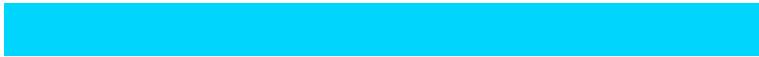
FFA5D6



C5C875

Complementary

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



00D5FE



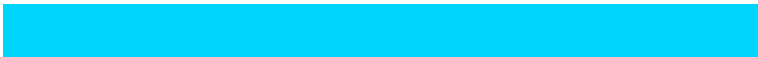
FE2900

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.



ECBB74



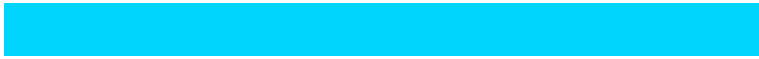
00D5FE



FFA4AD

Square

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



00D5FE



E6B0FA



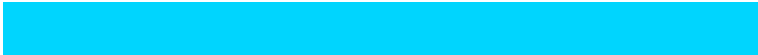
FFAD89



98D28C

Rectangle

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



00D5FE



99C4FF



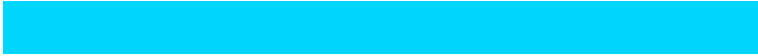
FFAD89



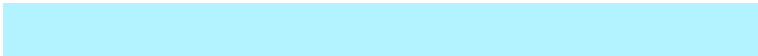
D3C472

Sweetspot

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



00D5FE



B3F3FF



00FE26



527880



000000



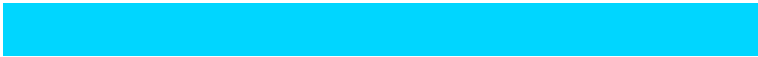
808080

Same Dimension

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



00D5FE



00D6FF



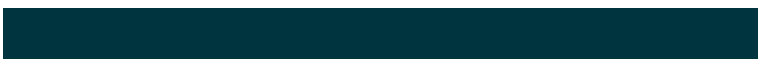
0059FE



737D80



00A0BF



003540

Inverse Universe

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



FE00D5



FF00D6



FEA500



80737D



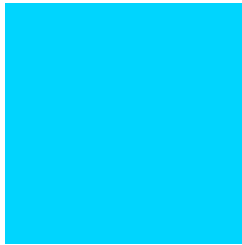
BF00A0



400035

Previews

White Background



This preview shows how the Hex color 00D5FE looks on a white background.

Color Contrast Check

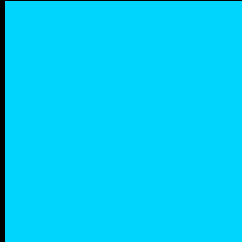
Large Text (above 18pt) WCAG AA × Fail

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 00D5FE 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 00D5FE Background



This preview shows how black text looks on a background with the Hex color 00D5FE.

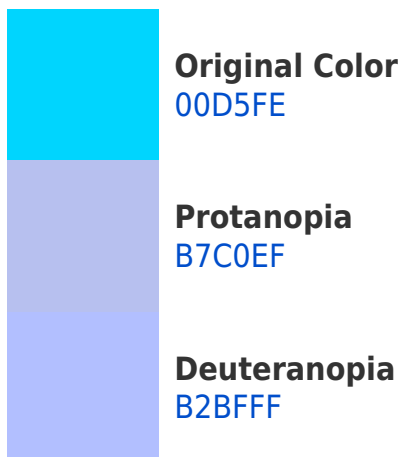


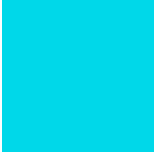
This preview shows how white text looks on a background with the Hex color 00D5FE.

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
00D8E9

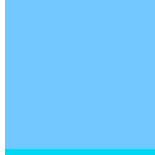
Trichromacy



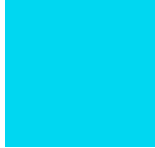
Original Color
00D5FE



Protanomaly
74C8F4



Deuteranomaly
71C7FF



Tritanomaly
00D7F1

Monochromacy



Original Color
00D5FE



Achromatopsia
9A9A9A



Achromatomaly
62AFBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D5FE 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 #00D5FE looks like.

```
.text, #text, p{  
    color:#00D5FE  
}
```

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 #00D5FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D5FE
}
```

Border

The CSS property to change the border of an element to Hex 00D5FE 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
#00D5FE }
```

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

```
.border{ border-color:#00D5FE }
```

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

Here you see how a box with a 4 pixel #00D5FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D5FE; -webkit-box-shadow:4px 4px  
4px 4px #00D5FE; box-shadow:4px 4px 4px  
4px #00D5FE }
```

Background

The CSS property to change the background color of an element to Hex 00D5FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D5FE }
```

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

```
.background{ background-color:#00D5FE }
```

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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