

Converting Colors

Hex(00D4FA)

Have a look what the booklet for
Hex(00D4FA) contains.

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Color

Hex(00D4FA)

Conversions

Conversions Part 1

Format	Color
Hex	00D4FA
RGB	0, 212, 250
RGB Percent	0%, 83%, 98%
CMY	1.0000, 0.1686, 0.0196
CMYK	1.00, 0.15, 0.00, 0.02
HSL	189°, 100%, 49%
HSV	189°, 100%, 98%
XYZ	40.7988, 53.9891, 98.7131
YIQ	152.9440, -138.5500, -33.1260

Conversions

Conversions Part 2

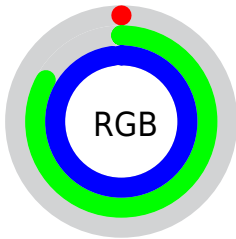
Format	Color
RYB	0, 115, 250
Decimal	54522
CIELab	78.46, -29.96, -30.71
CIELCh	78, 42.909, 225.710
Yxy	53.9891, 0.2108, 0.2790
Android (android.graphics.Color)	4278244602 (0xFF00D4FA)
YUV	152.9440, 47.8486, -134.1319
Hunter-Lab	73.4773, -29.4718, -28.2191

Details

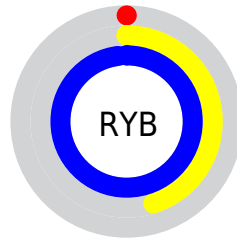
The Hex color **00D4FA** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FA2600**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **73FFFF**, and **009DC1** is the 20% darker color. If you saturate the color by 10%, you get **00D4FA**, and if you desaturate by 10%, it is **19D8FA**.

Distribution



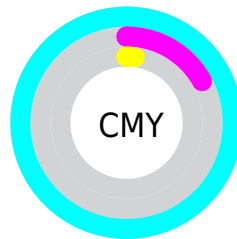
- Red (0%)
- Green (83%)
- Blue (98%)



- Red (0%)
- Yellow (45%)
- Blue (98%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D4FA 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 00D4FA by changing the saturation by 10% instead.

 00D4FA

 00D4FA

FFFFFF

 00B8DD

 73FFFF

 009DC1

 95FFFF

 0083A6

 B6FFFF

 00698C

 D6FFFF

 005172

 F7FFFF

 003959

 002542

 00032C

 000116

 00D4FA

 19D8FA

 32DCFA

 4BDFFA

 64E3FA

 7DE7FA

 96EBFA

 AFEFFA

 C8F2FA

 E1F6FA

Harmonies

Analogous

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



22D7D6



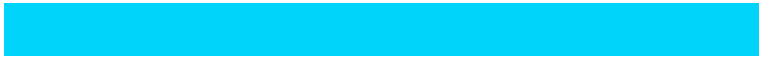
00D4FA



64CCFF

Triad

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



00D4FA



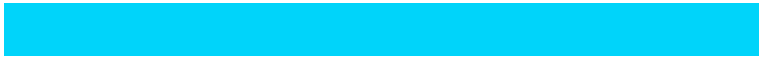
FFA5D7



C7C674

Complementary

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



00D4FA



FA2600

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.



EDB975



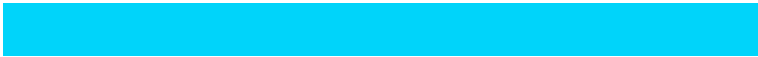
00D4FA



FFA3AE

Square

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



00D4FA



E1B0FA



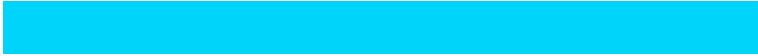
FFAC8B



9AD089

Rectangle

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



00D4FA



94C3FF



FFAC8B



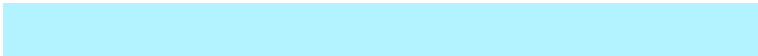
D5C272

Sweetspot

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



00D4FA



B3F3FF



00FA25



527980



000000



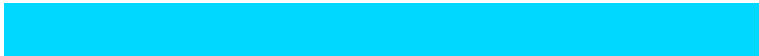
808080

Same Dimension

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



00D4FA



00D8FF



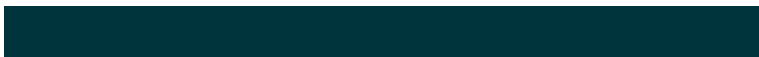
0058FA



707B7D



00A0BD



00343D

Inverse Universe

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



FA00D4



FF00D8



FAA300



7D707B



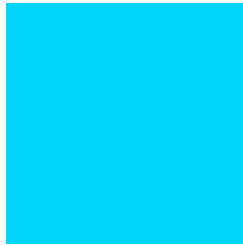
BD00A0



3D0034

Previews

White Background



This preview shows how the Hex color 00D4FA looks on a white background.

Color Contrast Check

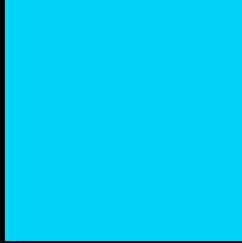
Large Text (above 18pt) WCAG AA × Fail

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 00D4FA 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 00D4FA Background



This preview shows how black text looks on a background with the Hex color 00D4FA.

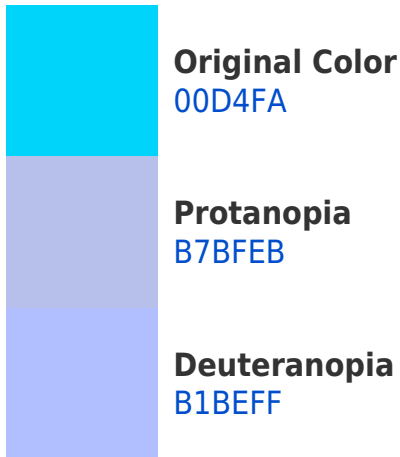


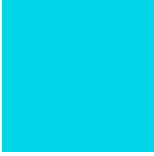
This preview shows how white text looks on a background with the Hex color 00D4FA.

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
00D6E7

Trichromacy



Original Color
00D4FA



Protanomaly
74C7F0



Deuteranomaly
71C6FD



Tritanomaly
00D5EE

Monochromacy



Original Color
00D4FA



Achromatopsia
999999



Achromatomaly
61AEBC

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D4FA 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 #00D4FA looks like.

```
.text, #text, p{  
    color:#00D4FA  
}
```

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 #00D4FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D4FA
}
```

Border

The CSS property to change the border of an element to Hex 00D4FA 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
#00D4FA }
```

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

```
.border{ border-color:#00D4FA }
```

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

Here you see how a box with a 4 pixel #00D4FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D4FA; -webkit-box-shadow:4px 4px  
4px 4px #00D4FA; box-shadow:4px 4px 4px  
4px #00D4FA }
```

Background

The CSS property to change the background color of an element to Hex 00D4FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D4FA }
```

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

```
.background{ background-color:#00D4FA }
```

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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