

Converting Colors

Hex(00D0F5)

Have a look what the booklet for
Hex(00D0F5) contains.

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Color

Hex(00D0F5)

Conversions

Conversions Part 1

Format	Color
Hex	00D0F5
RGB	0, 208, 245
RGB Percent	0%, 82%, 96%
CMY	1.0000, 0.1843, 0.0392
CMYK	1.00, 0.15, 0.00, 0.04
HSL	189°, 100%, 48%
HSV	189°, 100%, 96%
XYZ	39.0373, 51.7043, 94.3087
YIQ	150.0260, -135.8450, -32.5890

Conversions

Conversions Part 2

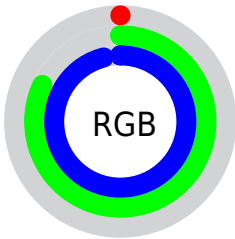
Format	Color
RYB	0, 112, 245
Decimal	53493
CIELab	77.10, -29.65, -30.12
CIELCh	77, 42.263, 225.457
Yxy	51.7043, 0.2110, 0.2794
Android (android.graphics.Color)	4278243573 (0xFF00D0F5)
YUV	150.0260, 46.8222, -131.5728
Hunter-Lab	71.9057, -28.9281, -27.4284

Details

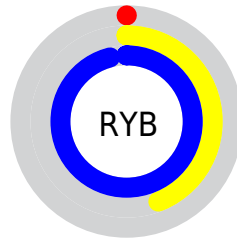
The Hex color **00D0F5** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F52500**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **71FFFF**, and **0099BD** is the 20% darker color. If you saturate the color by 10%, you get **00D0F5**, and if you desaturate by 10%, it is **18D4F5**.

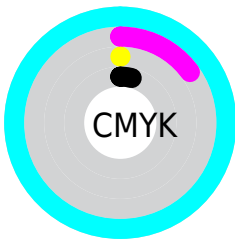
Distribution



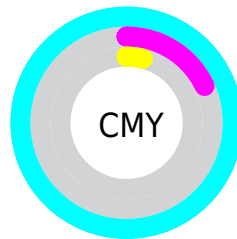
- Red (0%)
- Green (82%)
- Blue (96%)



- Red (0%)
- Yellow (44%)
- Blue (96%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D0F5 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 00D0F5 by changing the saturation by 10% instead.

 00D0F5

 00D0F5

FFFFFF

 00B4D8

 71FFFF

 0099BD

 94FFFF

 007FA2

 B4FFFF

 006687

 D5FFFF

 004D6E

 F5FFFF

 003655

 00233E

 000328

 000112

 00D0F5

 18D4F5

 31D7F5

 4ADB F5

 62DF F5

 7BE3 F5

 93E6 F5

 ABEA F5

 C4EE F5

 DDF1 F5

Harmonies

Analogous

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



22D3D2



00D0F5



61C8FF

Triad

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



00D0F5



FFA2D3



C4C272

Complementary

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



00D0F5



F52500

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.



E9B573



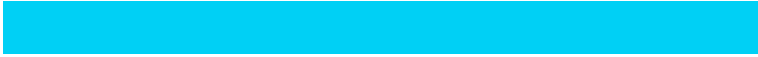
00D0F5



FFA0AB

Square

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



00D0F5



DCADF6



FFA888



98CC86

Rectangle

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



00D0F5



91C0FF



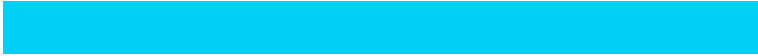
FFA888



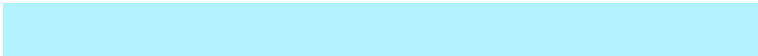
D1BE6F

Sweetspot

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



00D0F5



B3F3FF



00F525



527980



000000



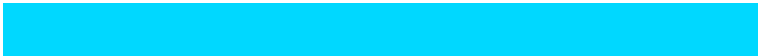
808080

Same Dimension

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



00D0F5



00D8FF



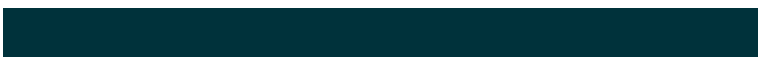
0056F5



6E797A



009EBA



00323B

Inverse Universe

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



F500D0



FF00D8



F59F00



7A6E79



BA009E



3B0032

Previews

White Background



This preview shows how the Hex color 00D0F5 looks on a white background.

Color Contrast Check

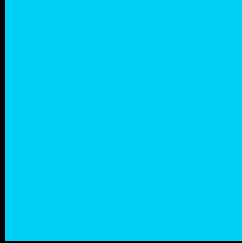
Large Text (above 18pt) WCAG AA × Fail

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 00D0F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

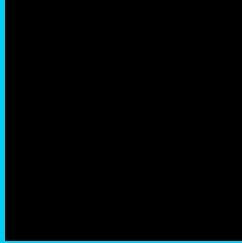
Any Text WCAG AA ✓ Pass

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 00D0F5 Background



This preview shows how black text looks on a background with the Hex color 00D0F5.



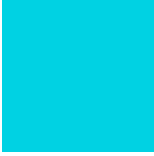
This preview shows how white text looks on a background with the Hex color 00D0F5.

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
00D2E3

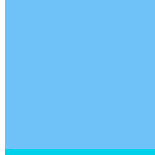
Trichromacy



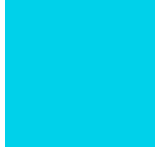
Original Color
00D0F5



Protanomaly
72C3EB



Deuteranomaly
6FC2F8



Tritanomaly
00D1EA

Monochromacy



Original Color
00D0F5



Achromatopsia
969696



Achromatomaly
5FABB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D0F5 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 #00D0F5 looks like.

```
.text, #text, p{  
    color:#00D0F5  
}
```

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 #00D0F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D0F5
}
```

Border

The CSS property to change the border of an element to Hex 00D0F5 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
#00D0F5 }
```

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

```
.border{ border-color:#00D0F5 }
```

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

Here you see how a box with a 4 pixel #00D0F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D0F5; -webkit-box-shadow:4px 4px  
4px 4px #00D0F5; box-shadow:4px 4px 4px  
4px #00D0F5 }
```

Background

The CSS property to change the background color of an element to Hex 00D0F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D0F5 }
```

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

```
.background{ background-color:#00D0F5 }
```

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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