

# Converting Colors

Hex(00D6F5)

Have a look what the booklet for  
Hex(00D6F5) contains.

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# **Color**

**Hex(00D6F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D6F5
RGB	0, 214, 245
RGB Percent	0%, 84%, 96%
CMY	1.0000, 0.1608, 0.0392
CMYK	1.00, 0.13, 0.00, 0.04
HSL	188°, 100%, 48%
HSV	188°, 100%, 96%
XYZ	40.5280, 54.6857, 94.8055
YIQ	153.5480, -137.4950, -35.7270

# Conversions

## Conversions Part 2

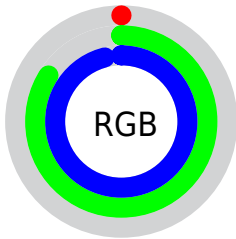
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 114, 245
Decimal	55029
CIELab	78.86, -32.54, -27.43
CIELCh	79, 42.560, 220.125
Yxy	54.6857, 0.2133, 0.2878
Android (android.graphics.Color)	4278245109 (0xFF00D6F5)
YUV	153.5480, 45.0858, -134.6616
Hunter-Lab	73.9498, -31.5856, -24.2465

# Details

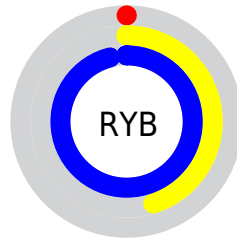
The Hex color **00D6F5** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F51F00**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **72FFFF**, and **009FBD** is the 20% darker color. If you saturate the color by 10%, you get **00D6F5**, and if you desaturate by 10%, it is **18D9F5**.

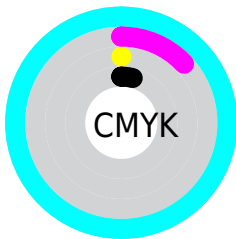
# Distribution



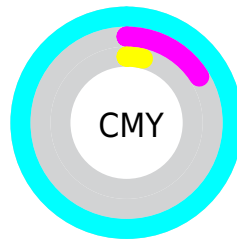
- Red (0%)
- Green (84%)
- Blue (96%)



- Red (0%)
- Yellow (45%)
- Blue (96%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (16%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D6F5 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 00D6F5 by changing the saturation by 10% instead.



 00D6F5

FFFFFF

 72FFFF

 95FFFF

 B5FFFF

 D6FFFF

 F6FFFF

 00D6F5

 00BAD8

 009FBD

 0084A2

 006B87

 00526E

 003A55

 00263E

 000328

 000112

 00D6F5

 18D9F5

 31DCF5

 4ADFF5

 62E2F5

 7BE5F5

 93E9F5

 ABECF5

 C4EFF5

 DDF2F5

# Harmonies

## Analogous

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



37D8D0



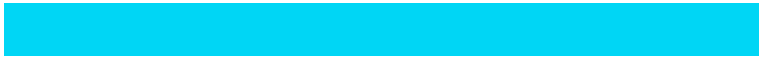
00D6F5



58CFFF

# Triad

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



00D6F5



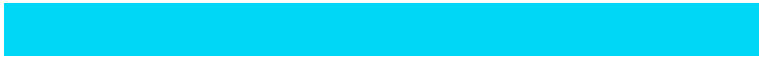
FFA8DF



D0C574

# Complementary

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



00D6F5



F51F00

# 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.



F4B879



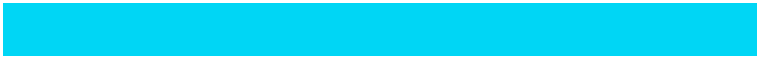
00D6F5



FFA4B7

# Square

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



00D6F5



D9B4FF



FFAB92



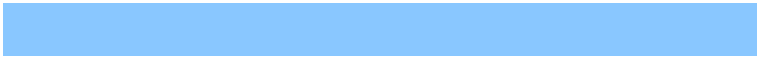
A5D085

# Rectangle

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



00D6F5



89C7FF



FFAB92



DDC173

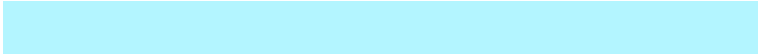


# Sweetspot

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



00D6F5



B3F5FF



00F51D



527A80



000000

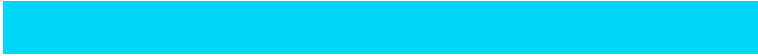


808080

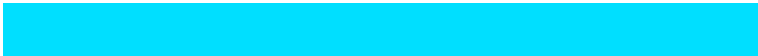


# Same Dimension

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



00D6F5



00DFFF



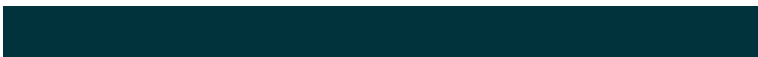
005EF5



6E797A



00A3BA



00333B



# Inverse Universe

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



F500D6



FF00DF



F59700



7A6E79



BA00A3



3B0033



# Previews

## White Background



This preview shows how the Hex color 00D6F5 looks on a white background.

## Color Contrast Check

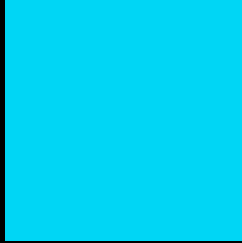
Large Text (above 18pt) WCAG AA × Fail

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 00D6F5 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 00D6F5 Background



This preview shows how black text looks on a background with the Hex color 00D6F5.



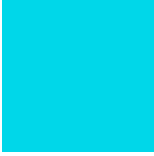
This preview shows how white text looks on a background with the Hex color 00D6F5.

# 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**  
00D7E9

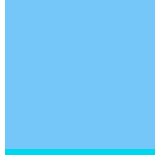
# Trichromacy



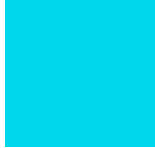
**Original Color**  
00D6F5



**Protanomaly**  
76C8EB



**Deuteranomaly**  
74C7F8



**Tritanomaly**  
00D7ED

# Monochromacy



**Original Color**  
00D6F5



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
62B0BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D6F5 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 #00D6F5 looks like.

```
.text, #text, p{  
    color:#00D6F5  
}
```

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 #00D6F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D6F5
}
```

## Border

The CSS property to change the border of an element to Hex 00D6F5 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
#00D6F5 }
```

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

```
.border{ border-color:#00D6F5 }
```

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

Here you see how a box with a 4 pixel #00D6F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D6F5; -webkit-box-shadow:4px 4px  
4px 4px #00D6F5; box-shadow:4px 4px 4px  
4px #00D6F5 }
```

# Background

The CSS property to change the background color of an element to Hex 00D6F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D6F5 }
```

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

```
.background{ background-color:#00D6F5 }
```

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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