

Converting Colors

Hex(00D6F3)

Have a look what the booklet for
Hex(00D6F3) contains.

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Color

Hex(00D6F3)

Conversions

Conversions Part 1

Format	Color
Hex	00D6F3
RGB	0, 214, 243
RGB Percent	0%, 84%, 95%
CMY	1.0000, 0.1608, 0.0471
CMYK	1.00, 0.12, 0.00, 0.05
HSL	187°, 100%, 48%
HSV	187°, 100%, 95%
XYZ	40.2242, 54.5642, 93.2059
YIQ	153.3200, -136.8530, -36.3490

Conversions

Conversions Part 2

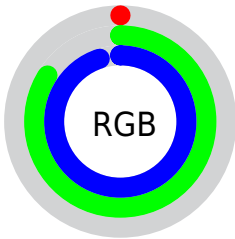
Format	Color
RYB	0, 114, 243
Decimal	55027
CIELab	78.79, -33.18, -26.47
CIELCh	79, 42.447, 218.579
Yxy	54.5642, 0.2140, 0.2902
Android (android.graphics.Color)	4278245107 (0xFF00D6F3)
YUV	153.3200, 44.2122, -134.4616
Hunter-Lab	73.8676, -32.0670, -23.1047

Details

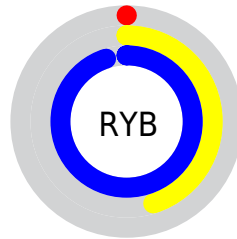
The Hex color **00D6F3** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F31D00**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **72FFFF**, and **009FBB** is the 20% darker color. If you saturate the color by 10%, you get **00D6F3**, and if you desaturate by 10%, it is **18D9F3**.

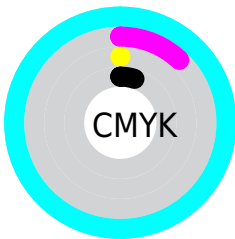
Distribution



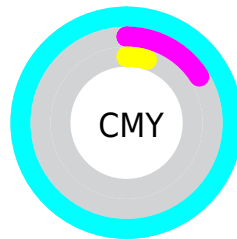
- Red (0%)
- Green (84%)
- Blue (95%)



- Red (0%)
- Yellow (45%)
- Blue (95%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D6F3 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 00D6F3 by changing the saturation by 10% instead.

 00D6F3

 00D6F3

FFFFFF

 00BAD7

 72FFFF

 009FBB

 94FFFF

 0084A0

 B5FFFF

 006B86

 D5FFFF

 00526C

 F5FFFF

 003A54

 00263C

 000327

 000110

 00D6F3

 18D9F3

 31DCF3

 49DFF3

 61E2F3

 79E5F3

 92E7F3

 AAFAF3

 C2EDF3

 DBF0F3

Harmonies

Analogous

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



3BD8CD



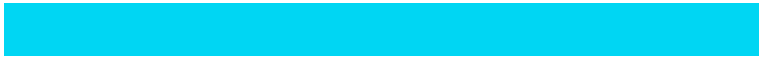
00D6F3



55CFFF

Triad

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



00D6F3



FEA8E1



D2C474

Complementary

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



00D6F3



F31D00

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.



F5B77A



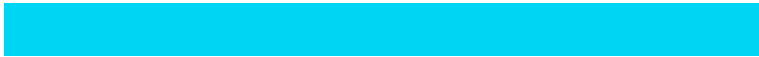
00D6F3



FFA4B9

Square

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



00D6F3



D6B5FF



FFAA94



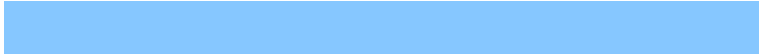
A7CF84

Rectangle

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



00D6F3



86C7FF



FFAA94



DFC073

Sweetspot

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



00D6F3



B3F6FF



00F31C



527A80



000000



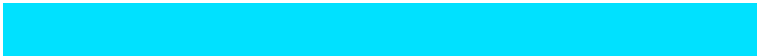
808080

Same Dimension

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



00D6F3



00E1FF



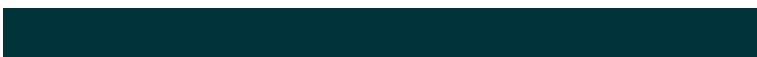
005DF3



6E797A



00A4BA



00343B

Inverse Universe

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



F300D6



FF00E1



F39600



7A6E79



BA00A4



3B0034

Previews

White Background



This preview shows how the Hex color 00D6F3 looks on a white background.

Color Contrast Check

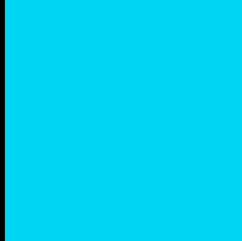
Large Text (above 18pt) WCAG AA × Fail

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 00D6F3 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 00D6F3 Background



This preview shows how black text looks on a background with the Hex color 00D6F3.



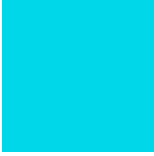
This preview shows how white text looks on a background with the Hex color 00D6F3.

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



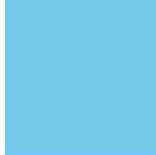


Tritanopia
00D7E8

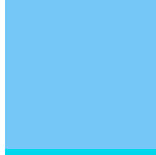
Trichromacy



Original Color
00D6F3



Protanomaly
76C8E9



Deuteranomaly
74C7F6



Tritanomaly
00D7EC

Monochromacy



Original Color
00D6F3



Achromatopsia
999999



Achromatomaly
61AFBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D6F3 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 #00D6F3 looks like.

```
.text, #text, p{  
    color:#00D6F3  
}
```

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 #00D6F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D6F3
}
```

Border

The CSS property to change the border of an element to Hex 00D6F3 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
#00D6F3 }
```

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

```
.border{ border-color:#00D6F3 }
```

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

Here you see how a box with a 4 pixel #00D6F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D6F3; -webkit-box-shadow:4px 4px  
4px 4px #00D6F3; box-shadow:4px 4px 4px  
4px #00D6F3 }
```

Background

The CSS property to change the background color of an element to Hex 00D6F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D6F3 }
```

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

```
.background{ background-color:#00D6F3 }
```

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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