

Converting Colors

Hex(00D6F2)

Have a look what the booklet for
Hex(00D6F2) contains.

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Color

Hex(00D6F2)

Conversions

Conversions Part 1

Format	Color
Hex	00D6F2
RGB	0, 214, 242
RGB Percent	0%, 84%, 95%
CMY	1.0000, 0.1608, 0.0510
CMYK	1.00, 0.12, 0.00, 0.05
HSL	187°, 100%, 47%
HSV	187°, 100%, 95%
XYZ	40.0736, 54.5039, 92.4126
YIQ	153.2060, -136.5320, -36.6600

Conversions

Conversions Part 2

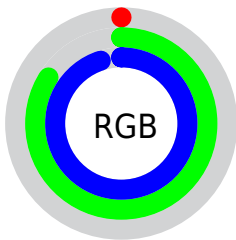
Format	Color
RYB	0, 114, 242
Decimal	55026
CIELab	78.75, -33.50, -25.99
CIELCh	79, 42.400, 217.803
Yxy	54.5039, 0.2143, 0.2915
Android (android.graphics.Color)	4278245106 (0xFF00D6F2)
YUV	153.2060, 43.7754, -134.3617
Hunter-Lab	73.8268, -32.3061, -22.5375

Details

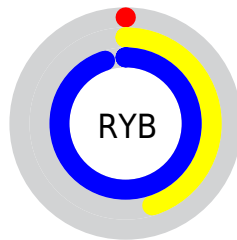
The Hex color **00D6F2** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F21C00**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **72FFFF**, and **009FBA** is the 20% darker color. If you saturate the color by 10%, you get **00D6F2**, and if you desaturate by 10%, it is **18D9F2**.

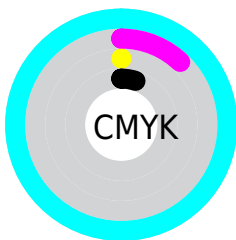
Distribution



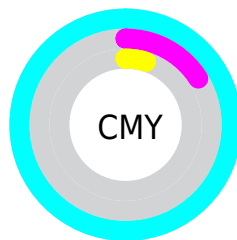
- Red (0%)
- Green (84%)
- Blue (95%)



- 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 00D6F2 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 00D6F2 by changing the saturation by 10% instead.

 00D6F2

 00D6F2

FFFFFF

 00BAD6

 72FFFF

 009FBA

 94FFFF

 00849F

 B5FFFF

 006B85

 D5FFFF

 00526B

 F5FFFF

 003A53

 00263C

 000326

 00010F

 00D6F2

 18D9F2

 30DCF2

 49DEF2

 61E1F2

 79E4F2

 91E7F2

 A9EAF2

 C2ECF2

 DAEFF2

Harmonies

Analogous

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



3DD8CC



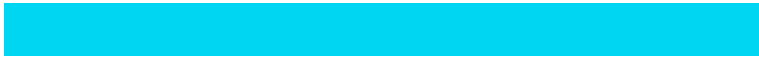
00D6F2



53CFFF

Triad

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



00D6F2



FDA8E2



D3C474

Complementary

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



00D6F2



F21C00

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.



F5B67A



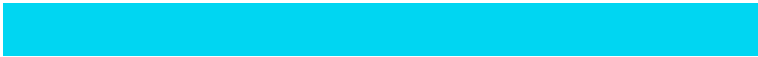
00D6F2



FFA4BA

Square

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



00D6F2



D5B5FF



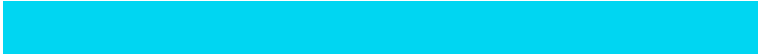
FFAA95



A8CF83

Rectangle

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



00D6F2



84C8FF



FFAA95



DFC073

Sweetspot

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



00D6F2



B3F6FF



00F218



527A80



000000



808080

Same Dimension

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



00D6F2



00E1FF



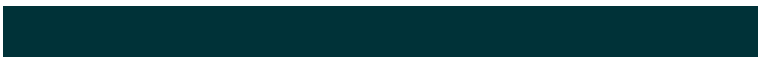
0061F2



6C7678



00A2B8



003238

Inverse Universe

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



F200D6



FF00E1



F29100



786C76



B800A2



380032

Previews

White Background



This preview shows how the Hex color 00D6F2 looks on a white background.

Color Contrast Check

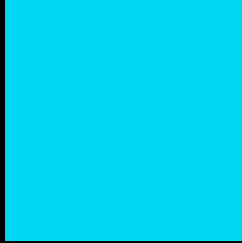
Large Text (above 18pt) WCAG AA × Fail

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 00D6F2 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 00D6F2 Background



This preview shows how black text looks on a background with the Hex color 00D6F2.

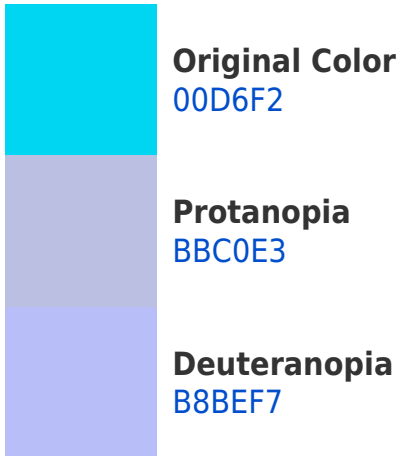


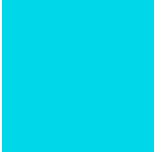
This preview shows how white text looks on a background with the Hex color 00D6F2.

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



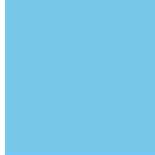


Tritanopia
00D7E8

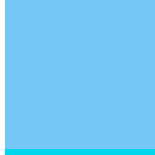
Trichromacy



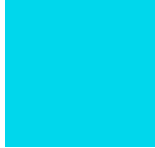
Original Color
00D6F2



Protanomaly
77C8E8



Deuteranomaly
75C7F5



Tritanomaly
00D7EC

Monochromacy



Original Color
00D6F2



Achromatopsia
999999



Achromatomaly
61AFB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D6F2 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 #00D6F2 looks like.

```
.text, #text, p{  
    color:#00D6F2  
}
```

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 #00D6F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D6F2
}
```

Border

The CSS property to change the border of an element to Hex 00D6F2 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
#00D6F2 }
```

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

```
.border{ border-color:#00D6F2 }
```

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

Here you see how a box with a 4 pixel #00D6F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D6F2; -webkit-box-shadow:4px 4px  
4px 4px #00D6F2; box-shadow:4px 4px 4px  
4px #00D6F2 }
```

Background

The CSS property to change the background color of an element to Hex 00D6F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D6F2 }
```

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

```
.background{ background-color:#00D6F2 }
```

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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