

Converting Colors

Hex(00D1F3)

Have a look what the booklet for
Hex(00D1F3) contains.

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Color

Hex(00D1F3)

Conversions

Conversions Part 1

Format	Color
Hex	00D1F3
RGB	0, 209, 243
RGB Percent	0%, 82%, 95%
CMY	1.0000, 0.1804, 0.0471
CMYK	1.00, 0.14, 0.00, 0.05
HSL	188°, 100%, 48%
HSV	188°, 100%, 95%
XYZ	38.9781, 52.0720, 92.7906
YIQ	150.3850, -135.4780, -33.7340

Conversions

Conversions Part 2

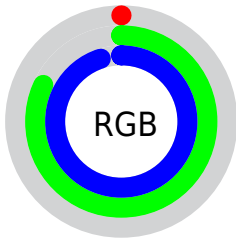
Format	Color
RYB	0, 112, 243
Decimal	53747
CIELab	77.32, -30.78, -28.71
CIELCh	77, 42.095, 223.009
Yxy	52.0720, 0.2120, 0.2832
Android (android.graphics.Color)	4278243827 (0xFF00D1F3)
YUV	150.3850, 45.6592, -131.8876
Hunter-Lab	72.1609, -29.8639, -25.7274

Details

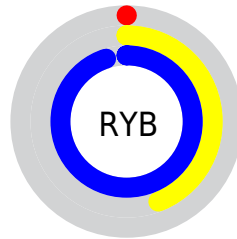
The Hex color **00D1F3** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F32200**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **71FFFF**, and **009ABB** is the 20% darker color. If you saturate the color by 10%, you get **00D1F3**, and if you desaturate by 10%, it is **18D4F3**.

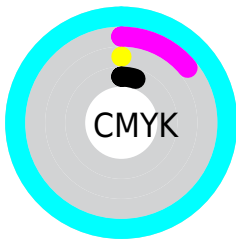
Distribution



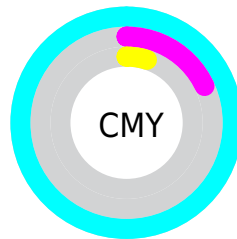
- Red (0%)
- Green (82%)
- Blue (95%)



- Red (0%)
- Yellow (44%)
- Blue (95%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D1F3 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 00D1F3 by changing the saturation by 10% instead.

 00D1F3

 00D1F3

FFFFFF

 00B5D7

 71FFFF

 009ABB

 93FFFF

 0080A0

 B4FFFF

 006685

 D4FFFF

 004E6C

 F4FFFF

 003654

 00233C

 000327

 000110

 00D1F3

 18D4F3

 31D8F3

 49DBF3

 61DFF3

 79E2F3

 92E5F3

 AAE9F3

 C2ECF3

 DBF0F3

Harmonies

Analogous

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



2CD4CF



00D1F3



5DC9FF

Triad

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



00D1F3



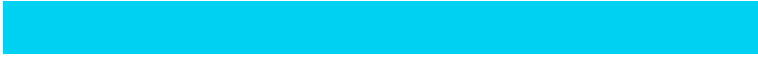
FDA3D7



C8C272

Complementary

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



00D1F3



F32200

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.



ECB575



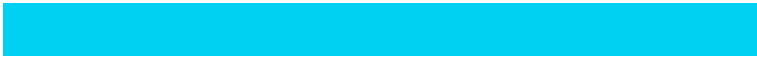
00D1F3



FFA1AF

Square

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



00D1F3



D9AFF8



FFA88C



9CCC85

Rectangle

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



00D1F3



8CC2FF



FFA88C



D5BE70

Sweetspot

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



00D1F3



B3F4FF



00F320



527980



000000



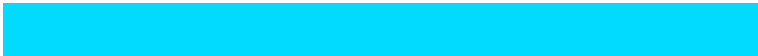
808080

Same Dimension

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



00D1F3



00DBFF



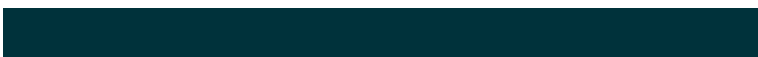
0059F3



6E797A



00A0BA



00323B

Inverse Universe

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



F300D1



FF00DB



F39A00



7A6E79



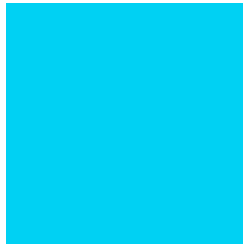
BA00A0



3B0032

Previews

White Background



This preview shows how the Hex color 00D1F3 looks on a white background.

Color Contrast Check

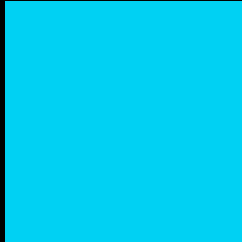
Large Text (above 18pt) WCAG AA × Fail

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 00D1F3 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 00D1F3 Background



This preview shows how black text looks on a background with the Hex color 00D1F3.

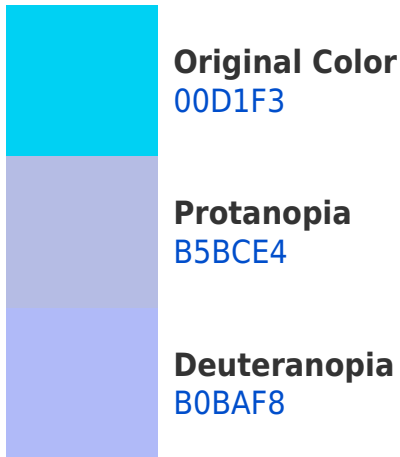


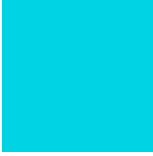
This preview shows how white text looks on a background with the Hex color 00D1F3.

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
00D3E4

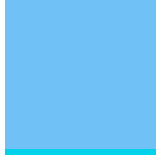
Trichromacy



Original Color
00D1F3



Protanomaly
73C4E9



Deuteranomaly
70C2F6



Tritanomaly
00D2E9

Monochromacy



Original Color
00D1F3



Achromatopsia
969696



Achromatomaly
5FABB8

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D1F3 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 #00D1F3 looks like.

```
.text, #text, p{  
    color:#00D1F3  
}
```

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 #00D1F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D1F3
}
```

Border

The CSS property to change the border of an element to Hex 00D1F3 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
#00D1F3 }
```

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

```
.border{ border-color:#00D1F3 }
```

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

Here you see how a box with a 4 pixel #00D1F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D1F3; -webkit-box-shadow:4px 4px  
4px 4px #00D1F3; box-shadow:4px 4px 4px  
4px #00D1F3 }
```

Background

The CSS property to change the background color of an element to Hex 00D1F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D1F3 }
```

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

```
.background{ background-color:#00D1F3 }
```

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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