

# Converting Colors

Hex(00D8F0)

Have a look what the booklet for  
Hex(00D8F0) contains.

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# **Color**

**Hex(00D8F0)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 00D8F0                        |
| RGB         | 0, 216, 240                   |
| RGB Percent | 0%, 85%, 94%                  |
| CMY         | 1.0000, 0.1529, 0.0588        |
| CMYK        | 1.00, 0.10, 0.00, 0.06        |
| HSL         | 186°, 100%, 47%               |
| HSV         | 186°, 100%, 94%               |
| XYZ         | 40.2840, 55.4030, 91.0087     |
| YIQ         | 154.1520, -136.4400, -38.3280 |

# Conversions

## Conversions Part 2

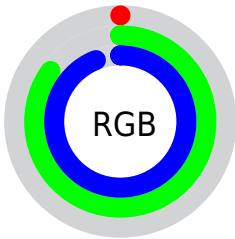
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 0, 114, 240                     |
| Decimal                             | 55536                           |
| CIELab                              | 79.27, -35.08, -24.13           |
| CIELCh                              | 79, 42.579, 214.525             |
| Yxy                                 | 55.4030, 0.2158,<br>0.2968      |
| Android<br>(android.graphics.Color) | 4278245616<br>(0xFF00D8F0)      |
| YUV                                 | 154.1520, 42.3231,<br>-135.1913 |
| Hunter-Lab                          | 74.4332, -33.6520,<br>-20.3901  |

# Details

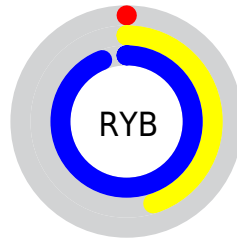
The Hex color **00D8F0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F01800**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **71FFFF**, and **00A1B8** is the 20% darker color. If you saturate the color by 10%, you get **00D8F0**, and if you desaturate by 10%, it is **18DAF0**.

# Distribution



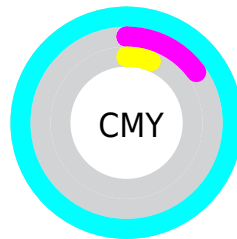
- Red (0%)
- Green (85%)
- Blue (94%)



- Red (0%)
- Yellow (45%)
- Blue (94%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (15%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D8F0 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 00D8F0 by changing the saturation by 10% instead.



 00D8F0

 00D8F0

FFFFFF

 00BCD4

 71FFFF

 00A1B8

 94FFFF

 00869D

 B5FFFF

 006C83

 D5FFFF

 00536A

 F5FFFF

 003B51

 00273A

 000225

 00010D

 00D8F0

 18DAF0

 30DDF0

 48DFF0

 60E2F0

 78E4F0

 90E6F0

 A8E9F0

 C0EBF0

 D8EEF0

# Harmonies

## Analogous

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



45DAC9



00D8F0



4CD2FF

# Triad

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



00D8F0



FBABE7



D9C474

# Complementary

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



00D8F0



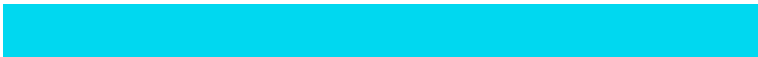
F01800

# 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.



FAB67E



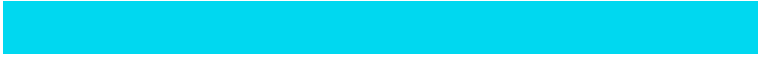
00D8F0



FFA5C0

# Square

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



00D8F0



D1B8FF



FFAA99



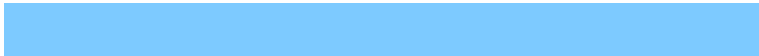
AECF82

# Rectangle

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



00D8F0



7DCAFF



FFAA99

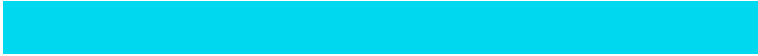


E5BF75



# Sweetspot

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



00D8F0



B3F7FF



00F018



527B80



000000



808080



# Same Dimension

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



00D8F0



00E5FF



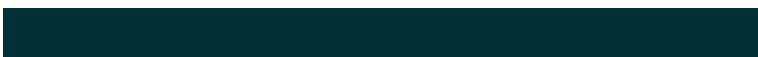
0060F0



6C7778



00A5B8



003238



# Inverse Universe

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



F000D8



FF00E6



F09000



786C77



B800A5

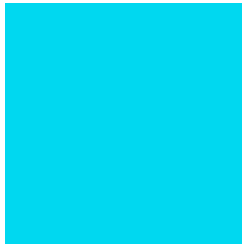


380032



# Previews

## White Background



This preview shows how the Hex color 00D8F0 looks on a white background.

## Color Contrast Check

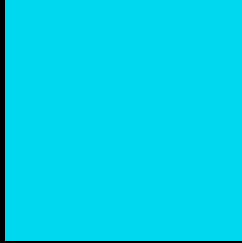
Large Text (above 18pt) WCAG AA × Fail

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 00D8F0 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 00D8F0 Background



This preview shows how black text looks on a background with the Hex color 00D8F0.

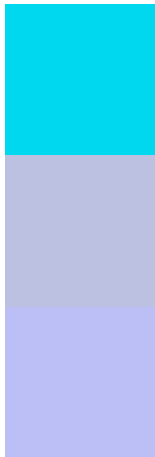


This preview shows how white text looks on a background with the Hex color 00D8F0.

# 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](#).

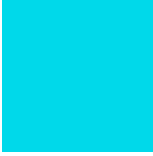
## Dichromacy



**Original Color**  
00D8F0

**Protanopia**  
BDC1E1

**Deuteranopia**  
BBFF66

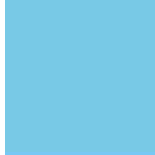


**Tritanopia**  
00D9EA

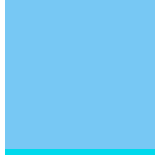
# Trichromacy



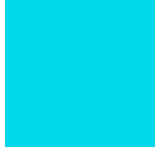
**Original Color**  
00D8F0



**Protanomaly**  
78C9E6



**Deuteranomaly**  
77C8F4



**Tritanomaly**  
00D9EC

# Monochromacy



**Original Color**  
00D8F0



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
62B1B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D8F0 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 #00D8F0 looks like.

```
.text, #text, p{  
    color:#00D8F0  
}
```

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 #00D8F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D8F0
}
```

## Border

The CSS property to change the border of an element to Hex 00D8F0 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
#00D8F0 }
```

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

```
.border{ border-color:#00D8F0 }
```

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

Here you see how a box with a 4 pixel #00D8F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D8F0; -webkit-box-shadow:4px 4px  
4px 4px #00D8F0; box-shadow:4px 4px 4px  
4px #00D8F0 }
```

# Background

The CSS property to change the background color of an element to Hex 00D8F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D8F0 }
```

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

```
.background{ background-color:#00D8F0 }
```

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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