

Converting Colors

Hex(00DCF0)

Have a look what the booklet for
Hex(00DCF0) contains.

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Color

Hex(00DCF0)

Conversions

Conversions Part 1

Format	Color
Hex	00DCF0
RGB	0, 220, 240
RGB Percent	0%, 86%, 94%
CMY	1.0000, 0.1373, 0.0588
CMYK	1.00, 0.08, 0.00, 0.06
HSL	185°, 100%, 47%
HSV	185°, 100%, 94%
XYZ	41.3214, 57.4777, 91.3545
YIQ	156.5000, -137.5400, -40.4200

Conversions

Conversions Part 2

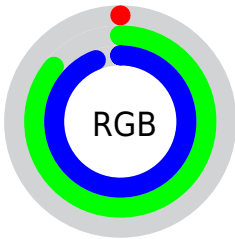
Format	Color
RYB	0, 115, 240
Decimal	56560
CIELab	80.45, -36.95, -22.35
CIELCh	80, 43.178, 211.166
Yxy	57.4777, 0.2173, 0.3023
Android (android.graphics.Color)	4278246640 (0xFF00DCF0)
YUV	156.5000, 41.1655, -137.2505
Hunter-Lab	75.8140, -35.3856, -18.3735

Details

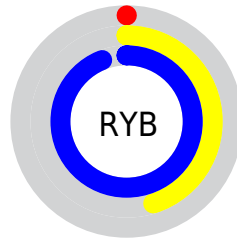
The Hex color **00DCF0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F01400**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **72FFFF**, and **00A4B8** is the 20% darker color. If you saturate the color by 10%, you get **00DCF0**, and if you desaturate by 10%, it is **18DEF0**.

Distribution



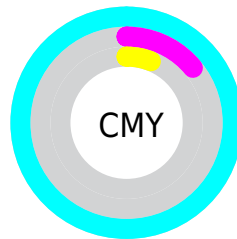
- Red (0%)
- Green (86%)
- Blue (94%)



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



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DCF0 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 00DCF0 by changing the saturation by 10% instead.

 00DCF0

 00DCF0

FFFFFF

 00C0D4

 72FFFF

 00A4B8

 95FFFF

 008A9D

 B5FFFF

 007083

 D6FFFF

 00576A

 F6FFFF

 003E52

 00293A

 000525

 00010E

 00DCF0

 18DEF0

 30E0F0

 48E2F0

 60E4F0

 78E6F0

 90E8F0

 A8EAF0

 C0ECF0

 D8EEF0

Harmonies

Analogous

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



4DDDC8



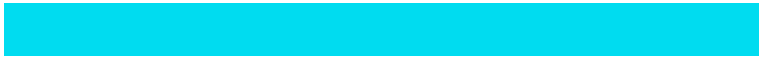
00DCF0



43D6FF

Triad

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



00DCF0



FCAFEF



E0C676

Complementary

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



00DCF0



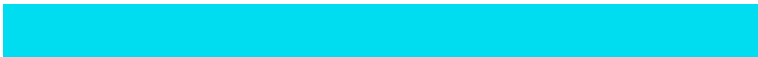
F01400

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.



FFB882



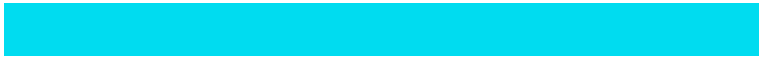
00DCF0



FFA8C8

Square

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



00DCF0



CEBDFE



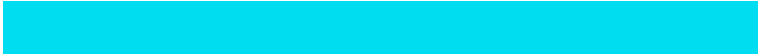
FFACA0



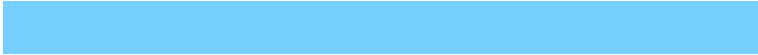
B6D281

Rectangle

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



00DCF0



77CFFF



FFACA0



EDC178

Sweetspot

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



00DCF0



B3F9FF



00F014



527C80



000000



808080

Same Dimension

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



00DCF0



00EAFB



0068F0



6C7778



00A8B8



003338

Inverse Universe

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



F000DC



FF00EA



F08C00



786C77



B800A8



380033

Previews

White Background



This preview shows how the Hex color 00DCF0 looks on a white background.

Color Contrast Check

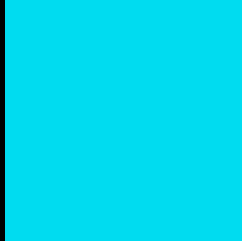
Large Text (above 18pt) WCAG AA × Fail

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 00DCF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

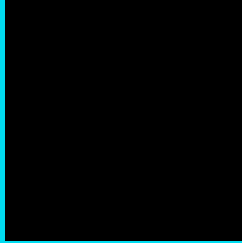
Any Text WCAG AA ✓ Pass

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 00DCF0 Background



This preview shows how black text looks on a background with the Hex color 00DCF0.

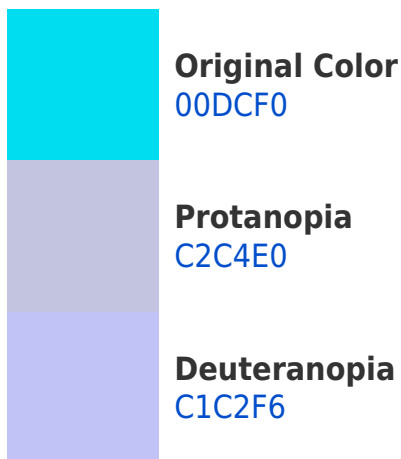


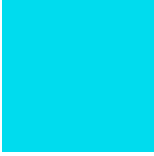
This preview shows how white text looks on a background with the Hex color 00DCF0.

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



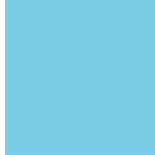


Tritanopia
00DCEE

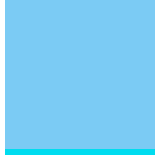
Trichromacy



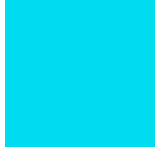
Original Color
00DCF0



Protanomaly
7BCDE6



Deuteranomaly
7BCBF4

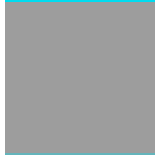


Tritanomaly
00DCEF

Monochromacy



Original Color
00DCF0



Achromatopsia
9D9D9D



Achromatomaly
64B4BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DCF0 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 #00DCF0 looks like.

```
.text, #text, p{  
    color:#00DCF0  
}
```

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 #00DCF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DCF0
}
```

Border

The CSS property to change the border of an element to Hex 00DCF0 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
#00DCF0 }
```

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

```
.border{ border-color:#00DCF0 }
```

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

Here you see how a box with a 4 pixel #00DCF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DCF0; -webkit-box-shadow:4px 4px  
4px 4px #00DCF0; box-shadow:4px 4px 4px  
4px #00DCF0 }
```

Background

The CSS property to change the background color of an element to Hex 00DCF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DCF0 }
```

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

```
.background{ background-color:#00DCF0 }
```

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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