

# Converting Colors

Hex(00FDF0)

Have a look what the booklet for  
Hex(00FDF0) contains.

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# Color

Hex(00FDF0)

# Conversions

## Conversions Part 1

Format	Color
Hex	00FDF0
RGB	0, 253, 240
RGB Percent	0%, 99%, 94%
CMY	1.0000, 0.0078, 0.0588
CMYK	1.00, 0.00, 0.05, 0.01
HSL	177°, 100%, 50%
HSV	177°, 100%, 99%
XYZ	50.8535, 76.5418, 94.5319
YIQ	175.8710, -146.6150, -57.6790

# Conversions

## Conversions Part 2

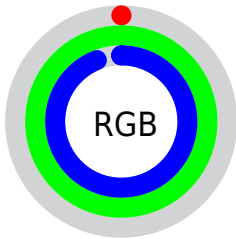
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 130, 253
Decimal	65008
CIELab	90.11, -51.46, -7.85
CIELCh	90, 52.056, 188.670
Yxy	76.5418, 0.2291, 0.3449
Android (android.graphics.Color)	4278255088 (0xFF00FDF0)
YUV	175.8710, 31.6156, -154.2389
Hunter-Lab	87.4882, -49.3493, -2.8217

# Details

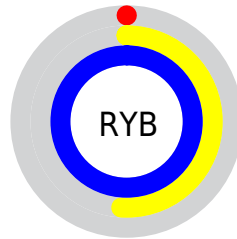
The Hex color **00DFD0** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FD000D**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **77FFFF**, and **00C3B8** is the 20% darker color. If you saturate the color by 10%, you get **00DFD0**, and if you desaturate by 10%, it is **19DFD1**.

# Distribution



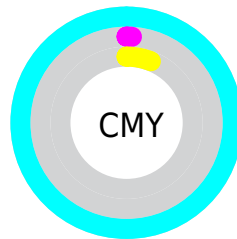
- Red (0%)
- Green (99%)
- Blue (94%)



- Red (0%)
- Yellow (51%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FDF0 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 00FDF0 by changing the saturation by 10% instead.



 00DFD0

 00DFD0

FFFFFF

 00E0D4

 77FFFF

 00C3B8

 9BFFFF

 00A89D

 BCFFFF

 008C83

 DDFFFF

 00726A

FEFFFF

 005852

 003F3B

 002925

 000212

 00DFD0

 19DFD1

 33DFD3

 4CFDF4

 65DFD5

 7FFDF7

 98DFD8

 B1DFD9

 CAFDFA

 E4DFDC

# Harmonies

## Analogous

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



7EFABD



00DFD0



00FAFF

# Triad

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



00DFD0



FBD0FF



FFD386

# Complementary

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



00DF0



FD000

# 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.



FFC3A7



00DFD0



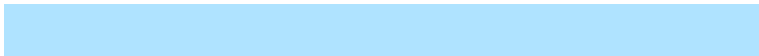
FFC0FF

# Square

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



00DFD0



AFE3FF



FFBBD6



F4E47E

# Rectangle

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



00DFD0



00F5FF



FFBBD6



FFCD8F

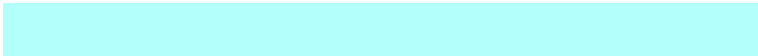


# Sweetspot

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



00DFD0



B3FFFB



11FD00



52807D



000000



808080



# Same Dimension

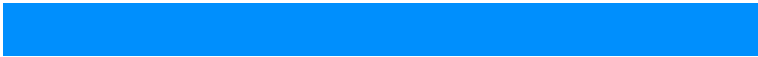
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00FDF0



00FFF2



008FFD



73807F



00BFB5



00403C



# Inverse Universe

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



FD000D



FF000D



FD6E00



807373



BF000A

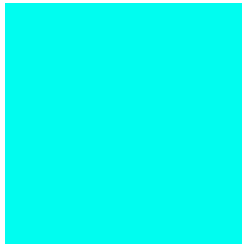


400003



# Previews

## White Background



This preview shows how the Hex color 00FDF0 looks on a white background.

## Color Contrast Check

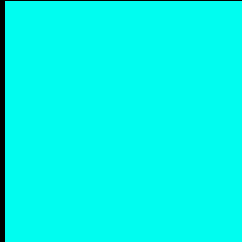
Large Text (above 18pt) WCAG AA × Fail

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 00FDF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

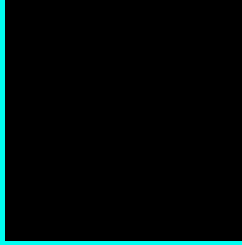
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

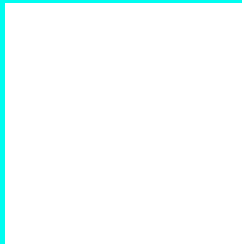
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00DFD0 Background



This preview shows how black text looks on a background with the Hex color 00DFD0.

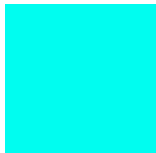


This preview shows how white text looks on a background with the Hex color 00DFD0.

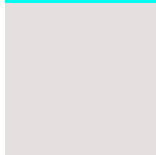
# Color Blindness Simulation

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](#).

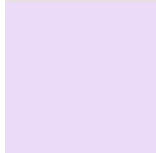
## Dichromacy



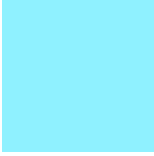
**Original Color**  
00DF0



**Protanopia**  
E5E0DF

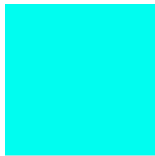


**Deuteranopia**  
ECDBF8



**Tritanopia**  
8FF1FF

# Trichromacy



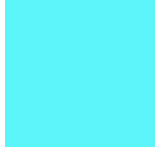
**Original Color**  
00FDF0



**Protanomaly**  
92EBE5



**Deuteranomaly**  
96E7F5

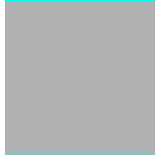


**Tritanomaly**  
5BF5FA

# Monochromacy



**Original Color**  
00FDF0



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
70CCC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FDF0 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 #00FDF0 looks like.

```
.text, #text, p{  
    color:#00FDF0  
}
```

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 #00FDF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FDF0
}
```

## Border

The CSS property to change the border of an element to Hex 00FDF0 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
#00FDF0 }
```

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

```
.border{ border-color:#00FDF0 }
```

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

Here you see how a box with a 4 pixel #00FDF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FDF0; -webkit-box-shadow:4px 4px  
4px 4px #00FDF0; box-shadow:4px 4px 4px  
4px #00FDF0 }
```

# Background

The CSS property to change the background color of an element to Hex 00FDF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FDF0 }
```

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

```
.background{ background-color:#00FDF0 }
```

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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