

# Converting Colors

Hex(00FFF3)

Have a look what the booklet for  
Hex(00FFF3) contains.

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# **Color**

**Hex(00FFF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FFF3
RGB	0, 255, 243
RGB Percent	0%, 100%, 95%
CMY	1.0000, 0.0000, 0.0471
CMYK	1.00, 0.00, 0.05, 0.00
HSL	177°, 100%, 50%
HSV	177°, 100%, 100%
XYZ	51.9377, 77.9911, 97.1104
YIQ	177.3870, -148.1280, -57.7920

# Conversions

## Conversions Part 2

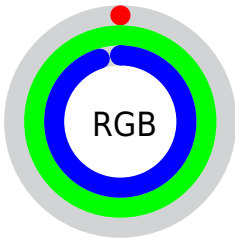
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 131, 255
Decimal	65523
CIELab	90.78, -51.47, -8.42
CIELCh	91, 52.149, 189.291
Yxy	77.9911, 0.2288, 0.3435
Android (android.graphics.Color)	4278255603 (0xFF00FFF3)
YUV	177.3870, 32.3472, -155.5684
Hunter-Lab	88.3125, -49.5690, -3.3778

# Details

The Hex color **00FFF3** 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 **FF000C**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **78FFFF**, and **00C5BB** is the 20% darker color. If you saturate the color by 10%, you get **00FFF3**, and if you desaturate by 10%, it is **19FFF4**.

# Distribution



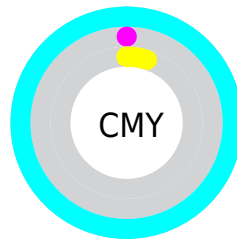
- Red (0%)
- Green (100%)
- Blue (95%)



- Red (0%)
- Yellow (51%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FFF3 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 00FFF3 by changing the saturation by 10% instead.



 00FFF3

FFFFFF

 78FFFF

 9CFFFF

 BDFFFF

 DEFFFF

 00FFF3

 00E2D7

 00C5BB

 00A9A0

 008E86

 00746D

 005A54

 00413D

 002B28

 000614

 00FFF3

 19FFF4

 33FFF5

 4DFFF7

 66FFF8

 80FFF9

 99FFFA

 B3FFFB

 CCFFFD

 E6FFFE

# Harmonies

## Analogous

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



7EFCC0



00FFF3



00FCFF

# Triad

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



00FFF3



FED2FF



FFD587

# Complementary

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



00FFFF



FF0000

# 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.



FFC5A8



00FFF3



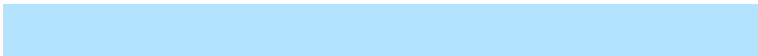
FFC2FF

# Square

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



00FFF3



B3E4FF



FFBDD7



F5E780

# Rectangle

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



00FF3



00F7FF



FFBDD7



FFD090



# Sweetspot

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



00FFF3



B3FFFB



0DFF00



52807D



000000



808080

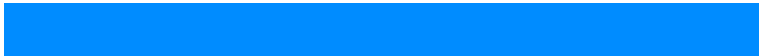


# Same Dimension

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



00FFF3



008CFF



73807F



00BFB6



00403D

# Inverse Universe

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



FF000C



FF7300



807373



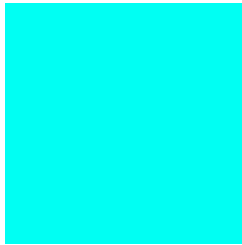
BF0009



400003

# Previews

## White Background



This preview shows how the Hex color 00FFF3 looks on a white background.

## Color Contrast Check

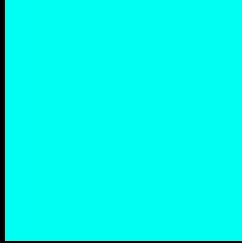
Large Text (above 18pt) WCAG AA × Fail

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 00FFF3 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

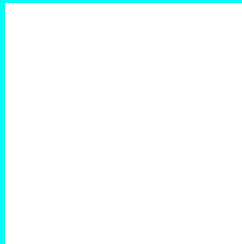
Any Text WCAG AAA ✓ Pass

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

## Hex 00FFF3 Background



This preview shows how black text looks on a background with the Hex color 00FFF3.

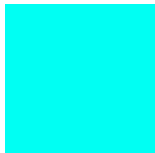


This preview shows how white text looks on a background with the Hex color 00FFF3.

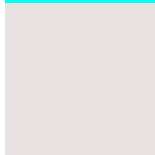
# Color Blindness Simulation

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](#).

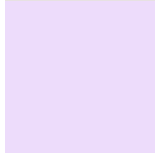
## Dichromacy



**Original Color**  
00FFF3

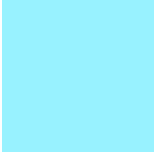


**Protanopia**  
E7E1E2



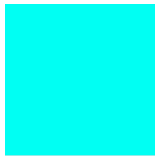
**Deuteranopia**  
EDDCFB



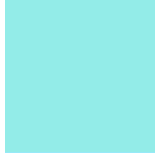


**Tritanopia**  
98F2FF

# Trichromacy



**Original Color**  
00FFF3



**Protanomaly**  
93ECE8



**Deuteranomaly**  
97E9F8

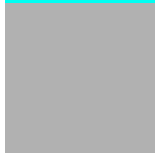


**Tritanomaly**  
61F7FB

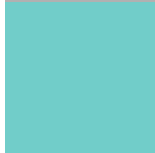
# Monochromacy



**Original Color**  
00FFF3



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
71CDC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FFF3 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 #00FFF3 looks like.

```
.text, #text, p{  
    color:#00FFF3  
}
```

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 #00FFF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FFF3  
}
```

## Border

The CSS property to change the border of an element to Hex 00FFF3 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  
#00FFF3 }
```

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

```
.border{ border-color:#00FFF3 }
```

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

Here you see how a box with a 4 pixel #00FFF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FFF3; -webkit-box-shadow:4px 4px  
4px 4px #00FFF3; box-shadow:4px 4px 4px  
4px #00FFF3 }
```

# Background

The CSS property to change the background color of an element to Hex 00FFF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FFF3 }
```

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

```
.background{ background-color:#00FFF3 }
```

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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