

# Converting Colors

Hex(00FBEF)

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

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# Color

**Hex(00FBEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FBF5
RGB	0, 251, 239
RGB Percent	0%, 98%, 94%
CMY	1.0000, 0.0157, 0.0627
CMYK	1.00, 0.00, 0.05, 0.02
HSL	177°, 100%, 49%
HSV	177°, 100%, 98%
XYZ	50.0772, 75.2264, 93.5422
YIQ	174.5830, -145.7440, -56.9440

# Conversions

## Conversions Part 2

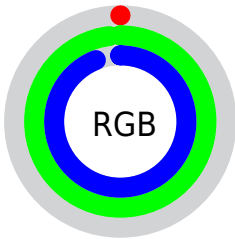
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 129, 251
Decimal	64495
CIELab	89.50, -50.90, -8.23
CIELCh	89, 51.563, 189.188
Yxy	75.2264, 0.2288, 0.3437
Android (android.graphics.Color)	4278254575 (0xFF00FB EF)
YUV	174.5830, 31.7576, -153.1093
Hunter-Lab	86.7331, -48.7223, -3.2314

# Details

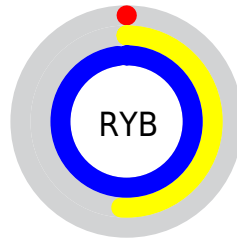
The Hex color **00FBEF** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FB000C**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **77FFFF**, and **00C1B7** is the 20% darker color. If you saturate the color by 10%, you get **00FBEF**, and if you desaturate by 10%, it is **19FBF0**.

# Distribution



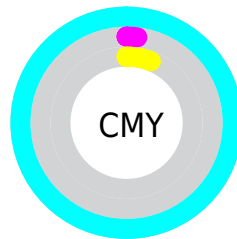
- Red (0%)
- Green (98%)
- Blue (94%)



- Red (0%)
- Yellow (51%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FBF7 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 00FBF7 by changing the saturation by 10% instead.



 00FBEF

 00FBEF

FFFFFF

 00DED3

 77FFFF

 00C1B7

 9AFFFF

 00A69C

 BCFFFF

 008B82

 DCFFFF

 007069

 FDFFFF

 005751

 003E3A

 002725

 000111

 00BFEF

 19BF0

 32BF1

 4BF3

 64BF4

 7EF5

 97BF6

 B0BF7

 C9BF9

 E2BFA

# Harmonies

## Analogous

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



7CF8BC



00FBEF



00F8FF

# Triad

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



00FBEF



FACEFF



FFD285

# Complementary

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



00FBF7



F70000

# 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.



FFC2A5



00FBEF



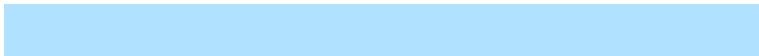
FFBFFF

# Square

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



00FBF5



B0E1FF



FFBAD3



F2E37E

# Rectangle

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



00FBEF



00F3FF



FFBAD3



FFCC8E



# Sweetspot

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



00FBEF



B3FFFB



0DFB00



52807D



000000



808080



# Same Dimension

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



00FBEF



00FFF3



008AFB



707D7C



00BDB4



003D3A



# Inverse Universe

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



FB000C



FF000C



FB7100



7D7071



BD0009

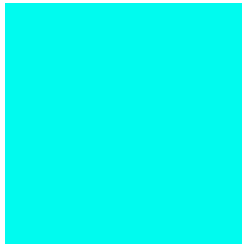


3D0003



# Previews

## White Background



This preview shows how the Hex color 00FBF7 looks on a white background.

## Color Contrast Check

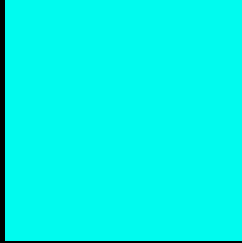
Large Text (above 18pt) WCAG AA × Fail

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 00FBF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

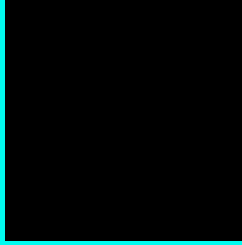
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00FBEF Background



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

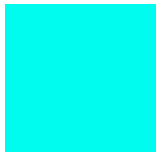


This preview shows how white text looks on a background with the Hex color 00FBEF.

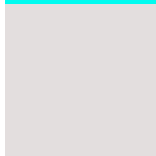
# Color Blindness Simulation

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](#).

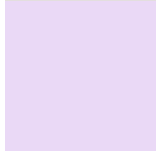
## Dichromacy



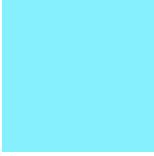
**Original Color**  
00FBF6



**Protanopia**  
E3DEDE

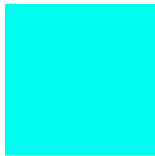


**Deuteranopia**  
EAD9F6

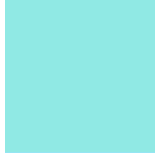


**Tritanopia**  
86F0FF

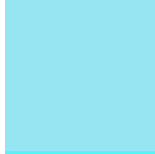
# Trichromacy



**Original Color**  
00FBF9



**Protanomaly**  
90E9E4



**Deuteranomaly**  
95E5F3

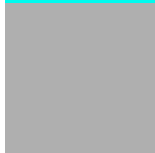


**Tritanomaly**  
55F4F9

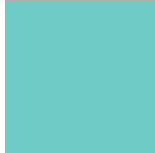
# Monochromacy



**Original Color**  
00FBF9



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
6FCBC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FBF5 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 #00FBF5 looks like.

```
.text, #text, p{  
    color:#00FBF5  
}
```

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 #00FBEF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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