

# Converting Colors

Hex(00FFF5)

Have a look what the booklet for  
Hex(00FFF5) contains.

<b>Hex(00FFF5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

# **Color**

**Hex(00FFF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FFF5
RGB	0, 255, 245
RGB Percent	0%, 100%, 96%
CMY	1.0000, 0.0000, 0.0392
CMYK	1.00, 0.00, 0.04, 0.00
HSL	178°, 100%, 50%
HSV	178°, 100%, 100%
XYZ	52.2414, 78.1126, 98.7100
YIQ	177.6150, -148.7700, -57.1700

# Conversions

## Conversions Part 2

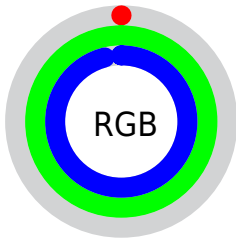
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 130, 255
Decimal	65525
CIELab	90.83, -50.91, -9.37
CIELCh	91, 51.765, 190.434
Yxy	78.1126, 0.2281, 0.3410
Android (android.graphics.Color)	4278255605 (0xFF00FFF5)
YUV	177.6150, 33.2208, -155.7684
Hunter-Lab	88.3813, -49.1575, -4.3520

# Details

The Hex color **00FFF5** 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 **FF000A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **78FFFF**, and **00C5BD** is the 20% darker color. If you saturate the color by 10%, you get **00FFF5**, and if you desaturate by 10%, it is **19FFF6**.

# Distribution



- Red (0%)
- Green (100%)
- Blue (96%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FFF5 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 00FFF5 by changing the saturation by 10% instead.



 00FFF5

FFFFFF

 78FFFF

 9CFFFF

 BDFFFF

 DEFFFF

 00FFF5

 00E2D9

 00C5BD

 00A9A2

 008E88


 00746E

 005A56

 00413F

 002B29

 000716

 00FFF5

 19FFF6

 33FFF7

 4DFFF8

 66FFF9

 80FFFA

 99FFFB

 B3FFFC

 CCFFFD

 E6FFFE

# Harmonies

## Analogous

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



7DFCC2



00FFF5



00FCFF

# Triad

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



00FFF5



FFD1FF



FFD687

# Complementary

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



00FF5



FF00A

# 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.



FFC6A7



00FFF5



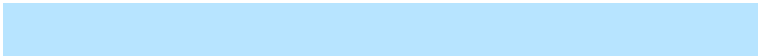
FFC2FF

# Square

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



00FFF5



B7E4FF



FFBDD5



F4E781

# Rectangle

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



00FF5



18F7FF



FFBDD5



FFD190

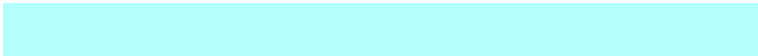


# Sweetspot

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



00FF5



B3FFC



0DFF00



52807E



000000



808080

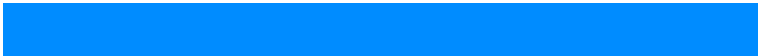


# Same Dimension

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



00FFF5



008CFF



73807F



00BFB8



00403D

# Inverse Universe

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



FF000A



FF7300



807373



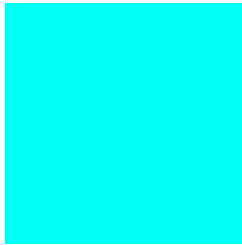
BF0008



400003

# Previews

## White Background



This preview shows how the Hex color 00FFF5 looks on a white background.

## Color Contrast Check

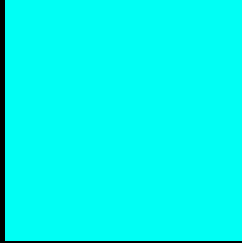
Large Text (above 18pt) WCAG AA × Fail

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 00FFF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

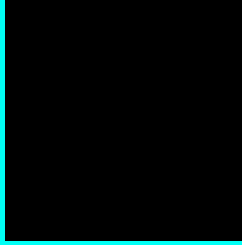
Any Text WCAG AA ✓ Pass

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 00FF55 Background



This preview shows how black text looks on a background with the Hex color 00FF55.

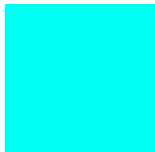


This preview shows how white text looks on a background with the Hex color 00FF55.

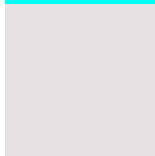
# Color Blindness Simulation

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**  
00FFF5

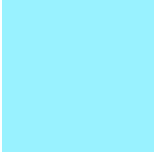


**Protanopia**  
E6E1E3



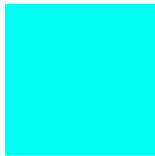
**Deuteranopia**  
EDDDFD



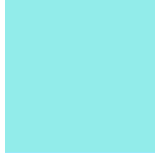


**Tritanopia**  
99F2FF

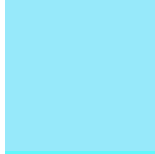
# Trichromacy



**Original Color**  
00FFF5



**Protanomaly**  
92ECEA



**Deuteranomaly**  
97E9FA

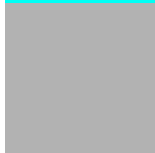


**Tritanomaly**  
61F7FB

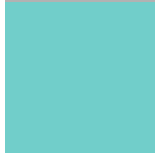
# Monochromacy



**Original Color**  
00FFF5



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
71CECA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FFF5 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 #00FFF5 looks like.

```
.text, #text, p{  
    color:#00FFF5  
}
```

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 #00FFF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FFF5
}
```

## Border

The CSS property to change the border of an element to Hex 00FFF5 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
#00FFF5 }
```

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

```
.border{ border-color:#00FFF5 }
```

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

Here you see how a box with a 4 pixel #00FFF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FFF5; -webkit-box-shadow:4px 4px  
4px 4px #00FFF5; box-shadow:4px 4px 4px  
4px #00FFF5 }
```

# Background

The CSS property to change the background color of an element to Hex 00FFF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FFF5 }
```

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

```
.background{ background-color:#00FFF5 }
```

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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