

# Converting Colors

Hex(00FFF7)

Have a look what the booklet for  
Hex(00FFF7) contains.

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# **Color**

**Hex(00FFF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FFF7
RGB	0, 255, 247
RGB Percent	0%, 100%, 97%
CMY	1.0000, 0.0000, 0.0314
CMYK	1.00, 0.00, 0.03, 0.00
HSL	178°, 100%, 50%
HSV	178°, 100%, 100%
XYZ	52.5485, 78.2354, 100.3270
YIQ	177.8430, -149.4120, -56.5480

# Conversions

## Conversions Part 2

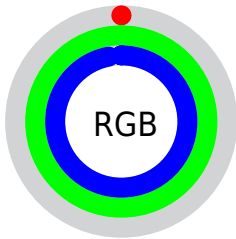
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 130, 255
Decimal	65527
CIELab	90.89, -50.35, -10.33
CIELCh	91, 51.398, 191.594
Yxy	78.2354, 0.2274, 0.3385
Android (android.graphics.Color)	4278255607 (0xFF00FFF7)
YUV	177.8430, 34.0944, -155.9683
Hunter-Lab	88.4508, -48.7422, -5.3353

# Details

The Hex color **00FFF7** 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 **FF0008**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **78FFFF**, and **00C5BF** is the 20% darker color. If you saturate the color by 10%, you get **00FFF7**, and if you desaturate by 10%, it is **19FFF8**.

# Distribution



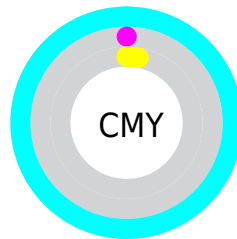
- Red (0%)
- Green (100%)
- Blue (97%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FFF7 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 00FFF7 by changing the saturation by 10% instead.



 00FFF7

FFFFFF

 78FFFF

 9CFFFF

 BEFFFF

 DFFFFF

 00FFF7

 00E2DB

 00C5BF

 00A9A4

 008E89

 007470

 005A58

 004141

 002B2B

 000717

 00FFF7

 19FFF8

 33FFF9

 4DFFF9

 66FFFA

 80FFFB

 99FFFC

 B3FFFD

 CCFFFD

 E6FFFE

# Harmonies

## Analogous

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



7BFDC4



00FFF7



00FCFF

# Triad

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



00FFF7



FFD1FF



FFD788

# Complementary

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



00FFF7



FF0008

# 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.



FFC7A6



00FFF7



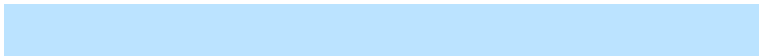
FFC2FF

# Square

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



00FFF7



BBE3FF



FFBED3



F2E882

# Rectangle

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



00FFF7



2AF6FF



FFBED3



FFD28F



# Sweetspot

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



00FFF7



B3FFFD



08FF00



52807E



000000



808080



# Same Dimension

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



00FFF7



0088FF



73807F



00BFB9



00403E

# Inverse Universe

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



FF0008



FF7700



807373



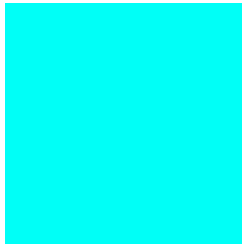
BF0006



400002

# Previews

## White Background



This preview shows how the Hex color 00FFF7 looks on a white background.

## Color Contrast Check

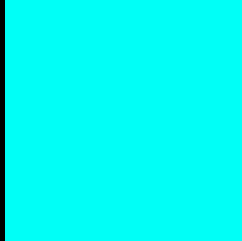
Large Text (above 18pt) WCAG AA × Fail

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 00FFF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

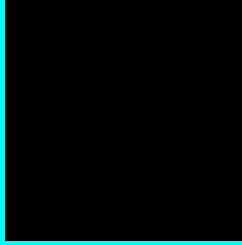
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

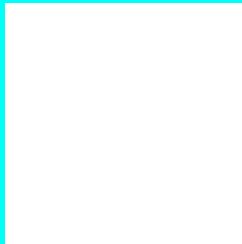
Any Text WCAG AAA ✓ Pass

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

## Hex 00FFF7 Background



This preview shows how black text looks on a background with the Hex color 00FFF7.



This preview shows how white text looks on a background with the Hex color 00FFF7.

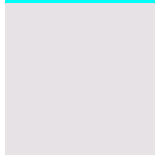
# Color Blindness Simulation

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](#).

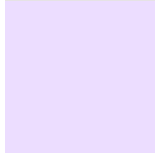
## Dichromacy



**Original Color**  
00FFF7

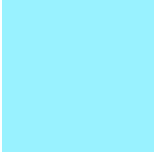


**Protanopia**  
E6E2E5



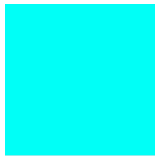
**Deuteranopia**  
ECDDFF





**Tritanopia**  
99F2FF

# Trichromacy



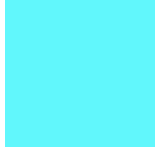
**Original Color**  
00FFF7



**Protanomaly**  
92EDEC



**Deuteranomaly**  
96E9FC

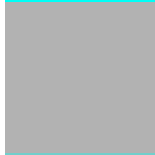


**Tritanomaly**  
61F7FC

# Monochromacy



**Original Color**  
00FFF7



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
71CECB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FFF7 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 #00FFF7 looks like.

```
.text, #text, p{  
    color:#00FFF7  
}
```

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 #00FFF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FFF7
}
```

## Border

The CSS property to change the border of an element to Hex 00FFF7 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
#00FFF7 }
```

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

```
.border{ border-color:#00FFF7 }
```

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

Here you see how a box with a 4 pixel #00FFF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FFF7; -webkit-box-shadow:4px 4px  
4px 4px #00FFF7; box-shadow:4px 4px 4px  
4px #00FFF7 }
```

# Background

The CSS property to change the background color of an element to Hex 00FFF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FFF7 }
```

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

```
.background{ background-color:#00FFF7 }
```

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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