

Converting Colors

Hex(00F7FB)

Have a look what the booklet for
Hex(00F7FB) contains.

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Color

Hex(00F7FB)

Conversions

Conversions Part 1

Format	Color
Hex	00F7FB
RGB	0, 247, 251
RGB Percent	0%, 97%, 98%
CMY	1.0000, 0.0314, 0.0157
CMYK	1.00, 0.02, 0.00, 0.02
HSL	181°, 100%, 49%
HSV	181°, 100%, 98%
XYZ	50.6734, 73.4866, 102.7803
YIQ	173.6030, -148.4960, -51.1200

Conversions

Conversions Part 2

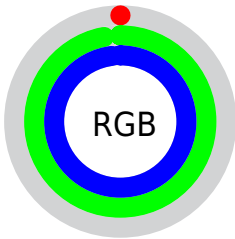
Format	Color
RYB	0, 124, 251
Decimal	63483
CIELab	88.68, -45.77, -15.71
CIELCh	89, 48.394, 198.943
Yxy	73.4866, 0.2233, 0.3238
Android (android.graphics.Color)	4278253563 (0xFF00F7FB)
YUV	173.6030, 38.1567, -152.2498
Hunter-Lab	85.7243, -44.5026, -11.0796

Details

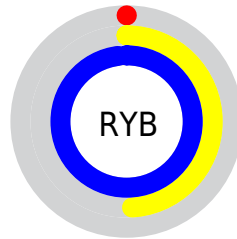
The Hex color **00F7FB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FB0400**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **78FFFF**, and **00BEC3** is the 20% darker color. If you saturate the color by 10%, you get **00F7FB**, and if you desaturate by 10%, it is **19F7FB**.

Distribution



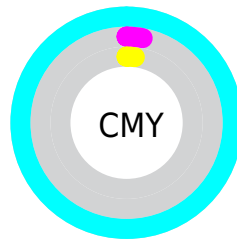
- Red (0%)
- Green (97%)
- Blue (98%)



- Red (0%)
- Yellow (49%)
- Blue (98%)



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



- Cyan (100%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F7FB 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 00F7FB by changing the saturation by 10% instead.

 00F7FB

FFFFFF

 78FFFF

 9BFFFF

 BDFFFF

 DDFFFF

FEFFFF

 00F7FB

 00DADE

 00BEC3

 00A2A7

 00878D

 006D73

 00545B

 003B43

 00262D

 000119

 00F7FB

 19F7FB

 32F8FB

 4BF8FB

 64F9FB

 7EF9FB

 97F9FB

 B0FAFB

 C9FAFB

 E2FBFB

Harmonies

Analogous

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



6CF6CB



00F7FB



00F3FF

Triad

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



00F7FB



FFC8FF



FFD684

Complementary

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



00F7FB



FB0400

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.



FFC69B



00F7FB



FFBCF2

Square

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



00F7FB



CAD9FF



FFBBC3



DFE586

Rectangle

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



00F7FB



5AECFF



FFBBC3



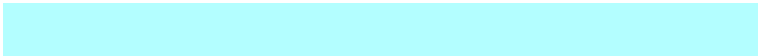
FFD189

Sweetspot

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



00F7FB



B3FEFF



00FB00



527F80



000000



808080

Same Dimension

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



00F7FB



00FBFF



007EFB



707D7D



00BABD



003C3D

Inverse Universe

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



FB00F7



FF00FB



FB7E00



7D707D



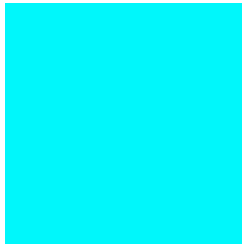
BD00BA



3D003C

Previews

White Background



This preview shows how the Hex color 00F7FB looks on a white background.

Color Contrast Check

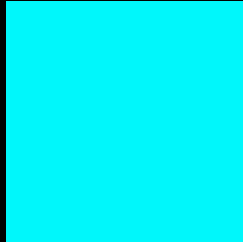
Large Text (above 18pt) WCAG AA × Fail

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 00F7FB 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 00F7FB Background



This preview shows how black text looks on a background with the Hex color 00F7FB.

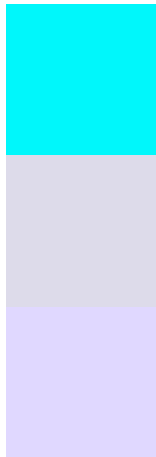


This preview shows how white text looks on a background with the Hex color 00F7FB.

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](#).

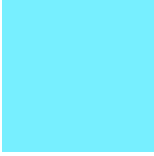
Dichromacy



Original Color
00F7FB

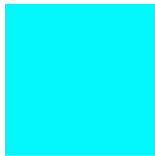
Protanopia
DDDBEA

Deuteranopia
E0D8FF



Tritanopia
77EFFF

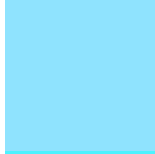
Trichromacy



Original Color
00F7FB



Protanomaly
8DE5F0



Deuteranomaly
8FE3FE

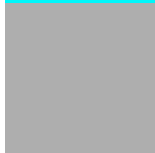


Tritanomaly
4CF2FE

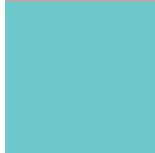
Monochromacy



Original Color
00F7FB



Achromatopsia
AEAEAE



Achromatomaly
6FC9CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F7FB 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 #00F7FB looks like.

```
.text, #text, p{  
    color:#00F7FB  
}
```

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 #00F7FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F7FB
}
```

Border

The CSS property to change the border of an element to Hex 00F7FB 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
#00F7FB }
```

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

```
.border{ border-color:#00F7FB }
```

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

Here you see how a box with a 4 pixel #00F7FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F7FB; -webkit-box-shadow:4px 4px  
4px 4px #00F7FB; box-shadow:4px 4px 4px  
4px #00F7FB }
```

Background

The CSS property to change the background color of an element to Hex 00F7FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F7FB }
```

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

```
.background{ background-color:#00F7FB }
```

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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