

Converting Colors

Hex(00F9FB)

Have a look what the booklet for
Hex(00F9FB) contains.

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Color

Hex(00F9FB)

Conversions

Conversions Part 1

Format	Color
Hex	00F9FB
RGB	0, 249, 251
RGB Percent	0%, 98%, 98%
CMY	1.0000, 0.0235, 0.0157
CMYK	1.00, 0.01, 0.00, 0.02
HSL	180°, 100%, 49%
HSV	180°, 100%, 98%
XYZ	51.2883, 74.7164, 102.9853
YIQ	174.7770, -149.0460, -52.1660

Conversions

Conversions Part 2

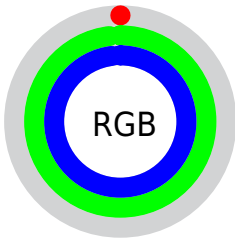
Format	Color
RYB	0, 125, 251
Decimal	63995
CIELab	89.26, -46.64, -14.84
CIELCh	89, 48.946, 197.648
Yxy	74.7164, 0.2240, 0.3263
Android (android.graphics.Color)	4278254075 (0xFF00F9FB)
YUV	174.7770, 37.5779, -153.2794
Hunter-Lab	86.4386, -45.3549, -10.1326

Details

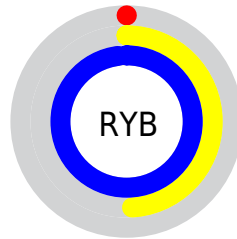
The Hex color **00F9FB** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FB0200**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **78FFFF**, and **00C0C3** is the 20% darker color. If you saturate the color by 10%, you get **00F9FB**, and if you desaturate by 10%, it is **19F9FB**.

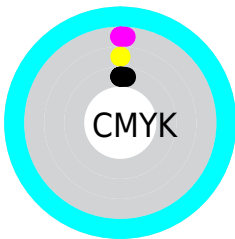
Distribution



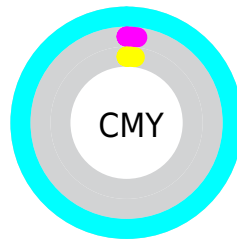
- Red (0%)
- Green (98%)
- Blue (98%)



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



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00F9FB 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 00F9FB by changing the saturation by 10% instead.

 00F9FB


FFFFFF

 78FFFF

 9BFFFF

 BDFFFF

 DEFFFF

 00F9FB

 00DCDE

 00C0C3

 00A4A7

 00898D

 006F73

 00555B

 003D44

 00272D

 00011A

 00F9FB

 19F9FB

 32F9FB

 4BF9FB

 64F9FB

 7EF9FB

 97F9FB

 B0F9FB

 C9FBFB

 E2FBFB

Harmonies

Analogous

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



6FF8CB



00F9FB



00F5FF

Triad

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



00F9FB



FFCAFF



FFD785

Complementary

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



00F9FB



FB0200

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.



FFC79D



00F9FB



FFBEF6

Square

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



00F9FB



C8DBFF



FFBCC6



E3E685

Rectangle

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



00F9FB



55EFFF



FFBCC6



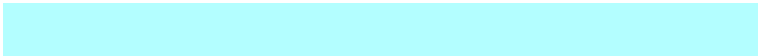
FFD18A

Sweetspot

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



00F9FB



B3FEFF



00FB00



527F80



000000



808080

Same Dimension

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



00F9FB



00FDFF



007EFB



707D7D



00BBBD



003D3D

Inverse Universe

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



FB00F9



FF00FD



FB7E00



7D707D



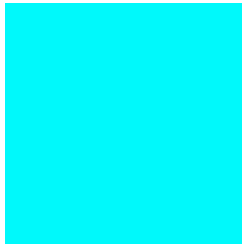
BD00BB



3D003D

Previews

White Background



This preview shows how the Hex color 00F9FB looks on a white background.

Color Contrast Check

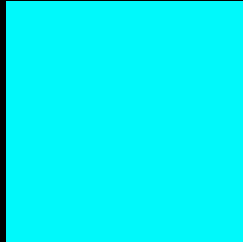
Large Text (above 18pt) WCAG AA × Fail

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 00F9FB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

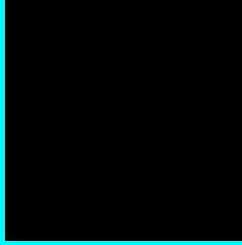
Any Text WCAG AA ✓ Pass

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 00F9FB Background



This preview shows how black text looks on a background with the Hex color 00F9FB.

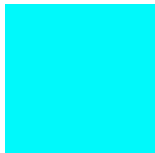


This preview shows how white text looks on a background with the Hex color 00F9FB.

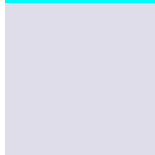
Color Blindness Simulation

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



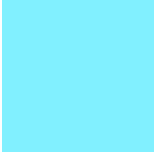
Original Color
00F9FB



Protanopia
DFDDEA

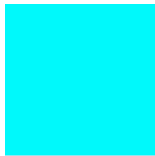


Deuteranopia
E2D9FF



Tritanopia
81F0FF

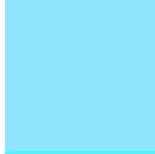
Trichromacy



Original Color
00F9FB



Protanomaly
8EE7F0



Deuteranomaly
90E5FE

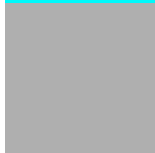


Tritanomaly
52F3FE

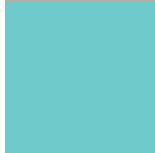
Monochromacy



Original Color
00F9FB



Achromatopsia
AFAFAF



Achromatomaly
6FCACB

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F9FB 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 #00F9FB looks like.

```
.text, #text, p{  
    color:#00F9FB  
}
```

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 #00F9FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F9FB
}
```

Border

The CSS property to change the border of an element to Hex 00F9FB 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
#00F9FB }
```

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

```
.border{ border-color:#00F9FB }
```

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

Here you see how a box with a 4 pixel #00F9FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F9FB; -webkit-box-shadow:4px 4px  
4px 4px #00F9FB; box-shadow:4px 4px 4px  
4px #00F9FB }
```

Background

The CSS property to change the background color of an element to Hex 00F9FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F9FB }
```

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

```
.background{ background-color:#00F9FB }
```

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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