

Converting Colors

Hex(03F7FF)

Have a look what the booklet for
Hex(03F7FF) contains.

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Color

Hex(03F7FF)

Conversions

Conversions Part 1

Format	Color
Hex	03F7FF
RGB	3, 247, 255
RGB Percent	1%, 97%, 100%
CMY	0.9882, 0.0314, 0.0000
CMYK	0.99, 0.03, 0.00, 0.00
HSL	182°, 100%, 51%
HSV	182°, 99%, 100%
XYZ	51.3483, 73.7609, 106.1387
YIQ	174.9560, -147.9920, -49.2400

Conversions

Conversions Part 2

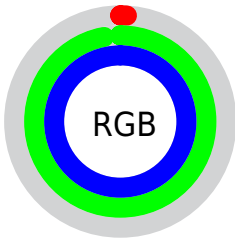
Format	Color
RYB	3, 127, 255
Decimal	260095
CIELab	88.81, -44.54, -17.60
CIELCh	89, 47.892, 201.561
Yxy	73.7609, 0.2220, 0.3190
Android (android.graphics.Color)	4278450175 (0xFF03F7FF)
YUV	174.9560, 39.4617, -150.8054
Hunter-Lab	85.8842, -43.5759, -13.1538

Details

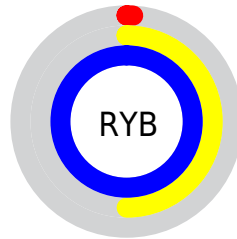
The Hex color **03F7FF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FF0B03**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **79FFFF**, and **00BEC6** is the 20% darker color. If you saturate the color by 10%, you get **00F7FF**, and if you desaturate by 10%, it is **1CF8FF**.

Distribution



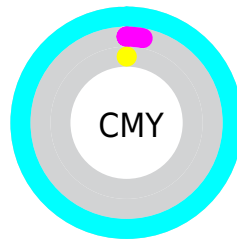
- Red (1%)
- Green (97%)
- Blue (100%)



- Red (1%)
- Yellow (50%)
- Blue (100%)



- Cyan (99%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)




- Cyan (99%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03F7FF 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 03F7FF by changing the saturation by 10% instead.

 03F7FF

 03F7FF

FFFFFF

 00DAE2

 79FFFF

 00BEC6

 9CFFFF

 00A2AB

 BEFFFF

 008791

 DEFFFF


 006D77


 00545E

 003C47

 002630

 00011C

 03F7FF

 03F7FF

 00F7FF

 1CF8FF

 36F9FF

 50F9FF

 69FAFF

 83FBFF

 9CFCFF

 B5FDFF

 CFFDFF

 E9FEFF

Harmonies

Analogous

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



69F7D0



03F7FF



1EF2FF

Triad

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



03F7FF



FFC7FF



FFD884

Complementary

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



03F7FF



FF0B03

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.



FFC899



03F7FF



FFBCEE

Square

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



03F7FF



D1D8FF



FFBDC0



DBE688

Rectangle

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



03F7FF



66ECFF



FFBDC0



FFD289

Sweetspot

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



03F7FF



B3FDFD



03FF07



527E80



000000



808080

Same Dimension

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



03F7FF



00F7FF



037DFF



737F80



00B9BF



003E40

Inverse Universe

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



FF03F7



FF00F7



FF8503



80737F



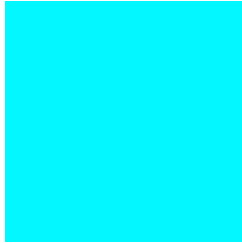
BF00B9



40003E

Previews

White Background



This preview shows how the Hex color 03F7FF looks on a white background.

Color Contrast Check

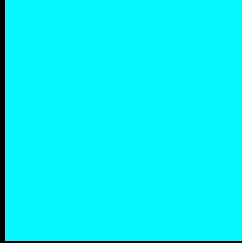
Large Text (above 18pt) WCAG AA × Fail

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 03F7FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

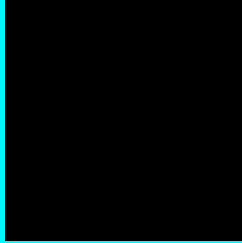
Any Text WCAG AA ✓ Pass

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 03F7FF Background



This preview shows how black text looks on a background with the Hex color 03F7FF.

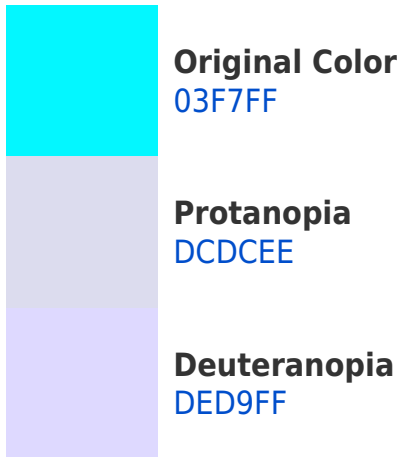


This preview shows how white text looks on a background with the Hex color 03F7FF.

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](#).

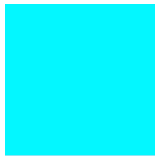
Dichromacy



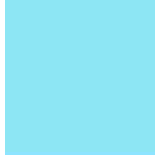


Tritanopia
79EFFF

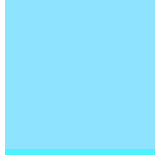
Trichromacy



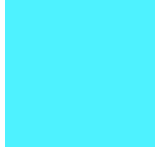
Original Color
03F7FF



Protanomaly
8DE6F4



Deuteranomaly
8EE4FF

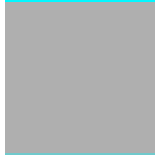


Tritanomaly
4EF2FF

Monochromacy



Original Color
03F7FF



Achromatopsia
AFAFAF



Achromatomaly
70C9CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 03F7FF 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 #03F7FF looks like.

```
.text, #text, p{  
    color:#03F7FF  
}
```

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 #03F7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03F7FF
}
```

Border

The CSS property to change the border of an element to Hex 03F7FF 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
#03F7FF }
```

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

```
.border{ border-color:#03F7FF }
```

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

Here you see how a box with a 4 pixel #03F7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03F7FF; -webkit-box-shadow:4px 4px  
4px 4px #03F7FF; box-shadow:4px 4px 4px  
4px #03F7FF }
```

Background

The CSS property to change the background color of an element to Hex 03F7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03F7FF }
```

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

```
.background{ background-color:#03F7FF }
```

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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