

Converting Colors

Hex(00F8FF)

Have a look what the booklet for
Hex(00F8FF) contains.

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Color

Hex(00F8FF)

Conversions

Conversions Part 1

Format	Color
Hex	00F8FF
RGB	0, 248, 255
RGB Percent	0%, 97%, 100%
CMY	1.0000, 0.0275, 0.0000
CMYK	1.00, 0.03, 0.00, 0.00
HSL	182°, 100%, 50%
HSV	182°, 100%, 100%
XYZ	51.6174, 74.3548, 106.2391
YIQ	174.6460, -150.0550, -50.3990

Conversions

Conversions Part 2

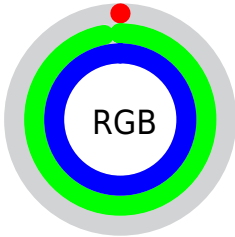
Format	Color
RYB	0, 126, 255
Decimal	63743
CIELab	89.09, -45.04, -17.18
CIELCh	89, 48.205, 200.877
Yxy	74.3548, 0.2223, 0.3202
Android (android.graphics.Color)	4278253823 (0xFF00F8FF)
YUV	174.6460, 39.6145, -153.1645
Hunter-Lab	86.2292, -44.0498, -12.6881

Details

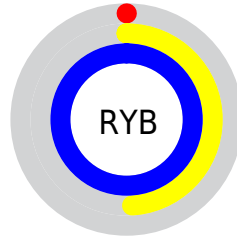
The Hex color **00F8FF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FF0700**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **78FFFF**, and **00BFC6** is the 20% darker color. If you saturate the color by 10%, you get **00F8FF**, and if you desaturate by 10%, it is **19F9FF**.

Distribution



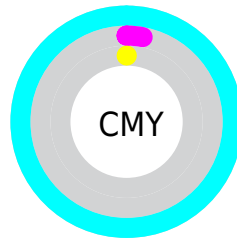
- Red (0%)
- Green (97%)
- Blue (100%)



- Red (0%)
- Yellow (49%)
- Blue (100%)



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




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

Brightness & Saturation Gradients

These gradients show how the Hex color 00F8FF 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 00F8FF by changing the saturation by 10% instead.

 00F8FF

 00F8FF

FFFFFF

 00DBE2

 78FFFF

 00BFC6

 9CFFFF

 00A3AB

 BDFFFF

 008891

 DEFFFF

 006E77

 00555E

 003C47

 002730

 00011C

 00F8FF

 19F9FF

 33F9FF

 4DFAFF

 66FBFF

 80FCFF

 99FCFF

 B3FDFF

 CCFEFF

 E6FEFF

Harmonies

Analogous

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



6AF7D0



00F8FF



15F3FF

Triad

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



00F8FF



FFC8FF



FFD885

Complementary

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



00F8FF



FF0700

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.



FFC89A



00F8FF



FFBDF0

Square

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



00F8FF



D0D9FF



FFBDC1



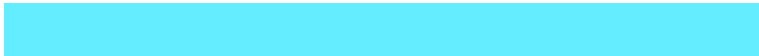
DDE788

Rectangle

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



00F8FF



63EDFF



FFBDC1



FFD389

Sweetspot

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



00F8FF



B3FDFD



00FF04



527E80



000000



808080

Same Dimension

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



00F8FF



007BFF



737F80



00BABF



003E40

Inverse Universe

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



FF00F8



FF8400



80737F



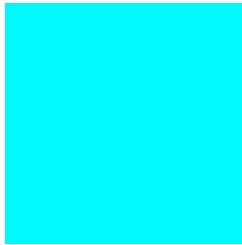
BF00BA



40003E

Previews

White Background



This preview shows how the Hex color 00F8FF looks on a white background.

Color Contrast Check

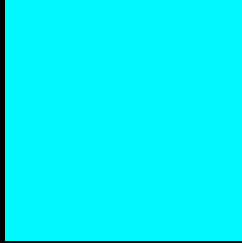
Large Text (above 18pt) WCAG AA × Fail

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 00F8FF 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 00F8FF Background



This preview shows how black text looks on a background with the Hex color 00F8FF.

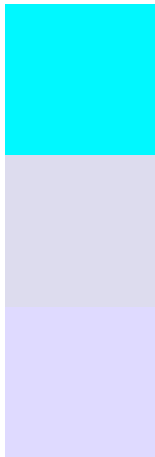


This preview shows how white text looks on a background with the Hex color 00F8FF.

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](#).

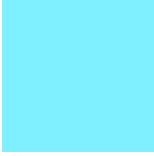
Dichromacy



Original Color
00F8FF

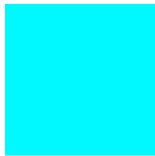
Protanopia
DDDCEE

Deuteranopia
DFDAFF



Tritanopia
7EF0FF

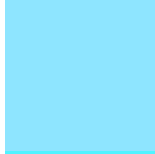
Trichromacy



Original Color
00F8FF



Protanomaly
8DE6F4



Deuteranomaly
8EE5FF

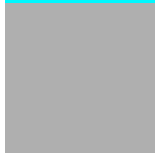


Tritanomaly
50F3FF

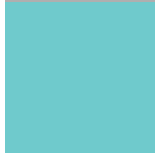
Monochromacy



Original Color
00F8FF



Achromatopsia
AFAFAF



Achromatomaly
6FCACC

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F8FF 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 #00F8FF looks like.

```
.text, #text, p{  
    color:#00F8FF  
}
```

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 #00F8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F8FF
}
```

Border

The CSS property to change the border of an element to Hex 00F8FF 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
#00F8FF }
```

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

```
.border{ border-color:#00F8FF }
```

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

Here you see how a box with a 4 pixel #00F8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F8FF; -webkit-box-shadow:4px 4px  
4px 4px #00F8FF; box-shadow:4px 4px 4px  
4px #00F8FF }
```

Background

The CSS property to change the background color of an element to Hex 00F8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F8FF }
```

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

```
.background{ background-color:#00F8FF }
```

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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