

Converting Colors

Hex(16FCFF)

Have a look what the booklet for
Hex(16FCFF) contains.

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Color

Hex(16FCFF)

Conversions

Conversions Part 1

Format	Color
Hex	16FCFF
RGB	22, 252, 255
RGB Percent	9%, 99%, 100%
CMY	0.9137, 0.0118, 0.0000
CMYK	0.91, 0.01, 0.00, 0.00
HSL	181°, 100%, 54%
HSV	181°, 91%, 100%
XYZ	53.1913, 77.0114, 106.6690
YIQ	183.5720, -138.0430, -47.8270

Conversions

Conversions Part 2

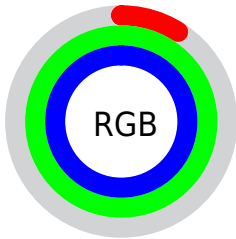
Format	Color
R _Y B	22, 138, 255
Decimal	1506559
CIE Lab	90.33, -46.27, -15.31
CIE LCh	90, 48.736, 198.313
Yxy	77.0114, 0.2246, 0.3251
Android (android.graphics.Color)	4279696639 (0xFF16FCFF)
YUV	183.5720, 35.2140, -141.6986
Hunter-Lab	87.7561, -45.3797, -10.6386

Details

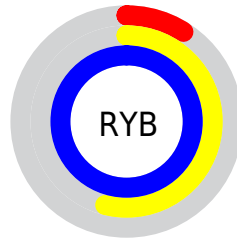
The Hex color **16FCFF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF1916**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **7CFFFF**, and **00C3C6** is the 20% darker color. If you saturate the color by 10%, you get **00FCFF**, and if you desaturate by 10%, it is **30FCFF**.

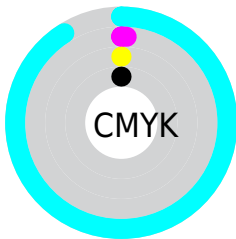
Distribution



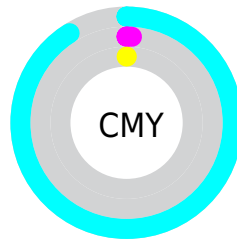
- Red (9%)
- Green (99%)
- Blue (100%)



- Red (9%)
- Yellow (54%)
- Blue (100%)



- Cyan (91%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16FCFF 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 16FCFF by changing the saturation by 10% instead.

 16FCFF

 16FCFF

FFFFFF

 00DFE2

 7CFFFF

 00C3C6

 9FFFFFF

 00A7AB

 C1FFFF

 008C91

 E2FFFF

 007277

 00585E

 003F47

 002A30

 00041C

 16FCFF

 16FCFF

 00FCFF

 30FCFF

 49FDFF

 62FDFF

 7CFDFF

 95FEFF

 AFFEFF

 C9FEFF

 E2FFFF

 FBFFFF

Harmonies

Analogous

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



72FBCF



16FCFF



00F8FF

Triad

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



16FCFF



FFCDFD



FFDA88

Complementary

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



16FCFF



FF1916

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.



FFCAA0



16FCFF



FFC1F8

Square

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



16FCFF



CDDEFF



FFC0C8



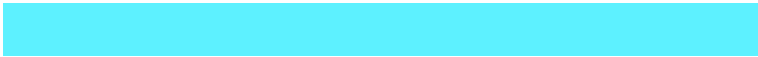
E5E989

Rectangle

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



16FCFF



5DF1FF



FFC0C8



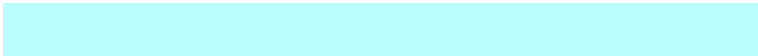
FFD58D

Sweetspot

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



16FCFF



BAFEFF



16FF16



577F80



000000



808080

Same Dimension

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



16FCFF



00FCFF



168BFF



737F80



00BDBF



003F40

Inverse Universe

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



FF16FC



FF00FC



FF8B16



80737F



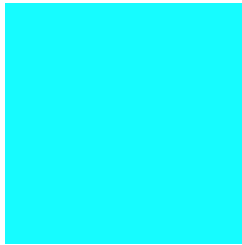
BF00BD



40003F

Previews

White Background



This preview shows how the Hex color 16FCFF looks on a white background.

Color Contrast Check

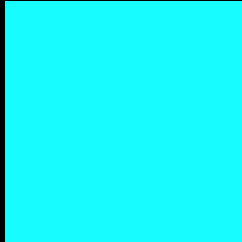
Large Text (above 18pt) WCAG AA × Fail

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 16FCFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

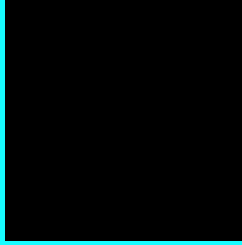
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

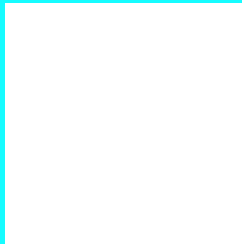
Any Text WCAG AAA ✓ Pass

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

Hex 16FCFF Background



This preview shows how black text looks on a background with the Hex color 16FCFF.

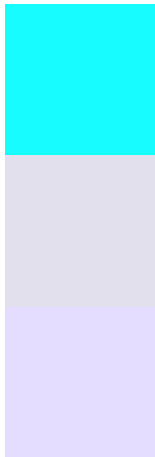


This preview shows how white text looks on a background with the Hex color 16FCFF.

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](#).

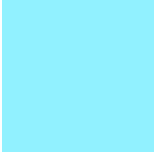
Dichromacy



Original Color
E41A1C

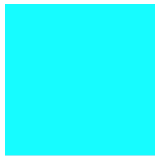
Protanopia
A9D0D9

Deuteranopia
A9C9E4



Tritanopia
91F1FF

Trichromacy



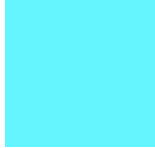
Original Color
16FCFF



Protanomaly
98EAF4



Deuteranomaly
99E8FF

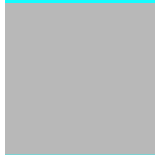


Tritanomaly
64F5FF

Monochromacy



Original Color
16FCFF



Achromatopsia
B8B8B8



Achromatomaly
7DD1D2

CSS Examples

Text

The CSS property to change the color of the text to Hex 16FCFF 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 #16FCFF looks like.

```
.text, #text, p{  
    color:#16FCFF  
}
```

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 #16FCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16FCFF
}
```

Border

The CSS property to change the border of an element to Hex 16FCFF 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
#16FCFF }
```

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

```
.border{ border-color:#16FCFF }
```

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

Here you see how a box with a 4 pixel #16FCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16FCFF; -webkit-box-shadow:4px 4px  
4px 4px #16FCFF; box-shadow:4px 4px 4px  
4px #16FCFF }
```

Background

The CSS property to change the background color of an element to Hex 16FCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16FCFF }
```

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

```
.background{ background-color:#16FCFF }
```

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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