

Converting Colors

Hex(66F4FF)

Have a look what the booklet for
Hex(66F4FF) contains.

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Color

Hex(66F4FF)

Conversions

Conversions Part 1

Format	Color
Hex	66F4FF
RGB	102, 244, 255
RGB Percent	40%, 96%, 100%
CMY	0.6000, 0.0431, 0.0000
CMYK	0.60, 0.04, 0.00, 0.00
HSL	184°, 100%, 70%
HSV	184°, 60%, 100%
XYZ	55.8802, 74.7461, 106.0900
YIQ	202.7960, -88.1630, -26.6830

Conversions

Conversions Part 2

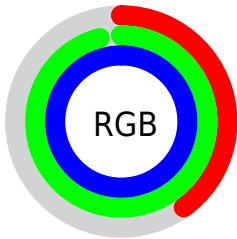
Format	Color
RYB	102, 176, 255
Decimal	6747391
CIELab	89.27, -34.90, -16.77
CIELCh	89, 38.719, 205.663
Yxy	74.7461, 0.2361, 0.3158
Android (android.graphics.Color)	4284937471 (0xFF66F4FF)
YUV	202.7960, 25.7366, -88.3981
Hunter-Lab	86.4559, -35.9254, -12.2357

Details

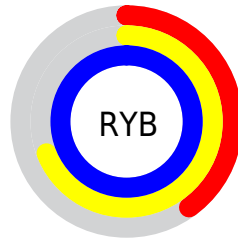
The Hex color **66F4FF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF7166**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **A6FFFF**, and **00BBC6** is the 20% darker color. If you saturate the color by 10%, you get **4DF2FF**, and if you desaturate by 10%, it is **80F6FF**.

Distribution



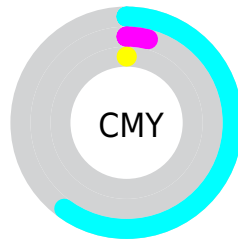
- Red (40%)
- Green (96%)
- Blue (100%)



- Red (40%)
- Yellow (69%)
- Blue (100%)



- Cyan (60%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66F4FF 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 66F4FF by changing the saturation by 10% instead.

 66F4FF

 66F4FF

FFFFFF

 41D7E2

 A6FFFF

 00BBC6

 C5FFFF

 00A0AB

 E4FFFF

 008591

 006C77

 00535E

 003B47

 002630

 00011C


 66F4FF

 66F4FF

 4DF2FF

 80F6FF

 33F0FF

 99F8FF

 19EFFF

 B3FAFF

 00EDFF

 CCFBFF

 E6FDFF

FFFFFF

Harmonies

Analogous

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



83F4D9



66F4FF



75EFFF

Triad

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



66F4FF



FFCCFF



FFDC97

Complementary

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



66F4FF



FF7166

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.



FFD0A5



66F4FF



FFC5E7

Square

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



66F4FF



DED9FF



FFC6C2



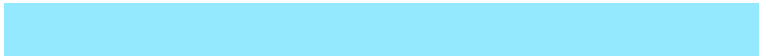
D9E89D

Rectangle

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



66F4FF



94E9FF



FFC6C2



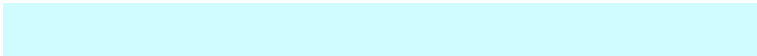
FFD899

Sweetspot

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



66F4FF



D1FCFF



66FF70



637D80



000000



808080

Same Dimension

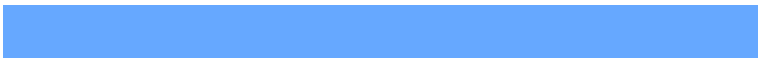
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66F4FF



47F2FF



66A8FF



737F80



00B2BF



003B40

Inverse Universe

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



FF66F4



FF47F2



FFBD66



80737F



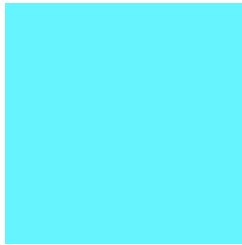
BF00B1



40003B

Previews

White Background



This preview shows how the Hex color 66F4FF looks on a white background.

Color Contrast Check

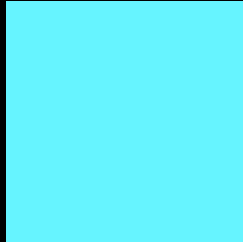
Large Text (above 18pt) WCAG AA × Fail

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 66F4FF 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 66F4FF Background



This preview shows how black text looks on a background with the Hex color 66F4FF.

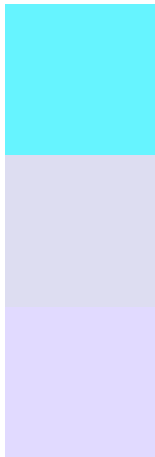


This preview shows how white text looks on a background with the Hex color 66F4FF.

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](#).

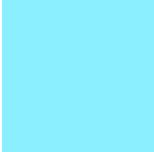
Dichromacy



Original Color
66F4FF

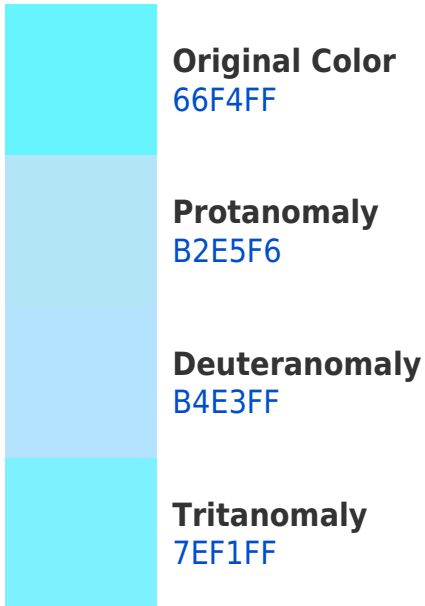
Protanopia
DDDDF1

Deuteranopia
E1DAFF

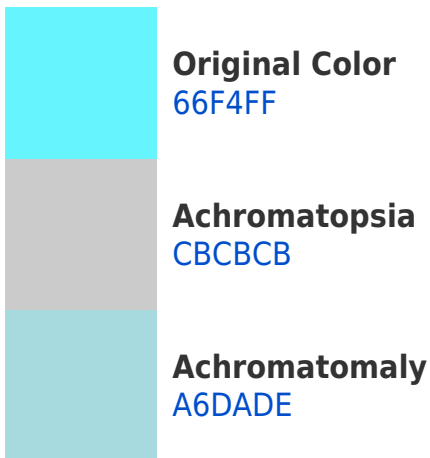


Tritanopia
8BEFFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66F4FF 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 #66F4FF looks like.

```
.text, #text, p{  
  color:#66F4FF  
}
```

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 #66F4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66F4FF
}
```

Border

The CSS property to change the border of an element to Hex 66F4FF 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
#66F4FF }
```

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

```
.border{ border-color:#66F4FF }
```

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

Here you see how a box with a 4 pixel #66F4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66F4FF; -webkit-box-shadow:4px 4px  
4px 4px #66F4FF; box-shadow:4px 4px 4px  
4px #66F4FF }
```

Background

The CSS property to change the background color of an element to Hex 66F4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66F4FF }
```

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

```
.background{ background-color:#66F4FF }
```

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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