

Converting Colors

Hex(66FCFF)

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

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Color

Hex(66FCFF)

Conversions

Conversions Part 1

Format	Color
Hex	66FCFF
RGB	102, 252, 255
RGB Percent	40%, 99%, 100%
CMY	0.6000, 0.0118, 0.0000
CMYK	0.60, 0.01, 0.00, 0.00
HSL	181°, 100%, 70%
HSV	181°, 60%, 100%
XYZ	58.3399, 79.6656, 106.9099
YIQ	207.4920, -90.3630, -30.8670

Conversions

Conversions Part 2

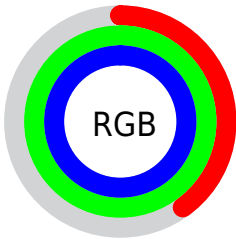
Format	Color
RYB	102, 178, 255
Decimal	6749439
CIELab	91.53, -38.59, -13.38
CIELCh	92, 40.840, 199.124
Yxy	79.6656, 0.2382, 0.3253
Android (android.graphics.Color)	4284939519 (0xFF66FCFF)
YUV	207.4920, 23.4214, -92.5165
Hunter-Lab	89.2556, -39.5248, -8.5384

Details

The Hex color **66FCFF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF6966**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **A7FFFF**, and **00C3C6** is the 20% darker color. If you saturate the color by 10%, you get **4DFCFF**, and if you desaturate by 10%, it is **80FDFF**.

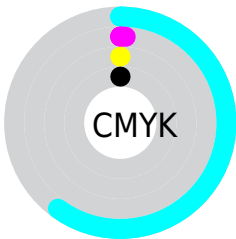
Distribution



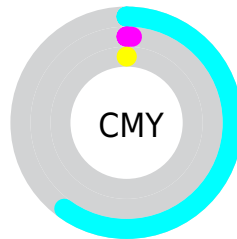
- Red (40%)
- Green (99%)
- Blue (100%)



- Red (40%)
- Yellow (70%)
- Blue (100%)



- Cyan (60%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 66FCFF

 66FCFF

FFFFFF

 40DFE2

 A7FFFF

 00C3C6

 C6FFFF

 00A7AB

 E5FFFF

 008C91

 007277

 00595E

 004147

 002B30

 000C1C


 66FCFF

 66FCFF

 4DFCFF

 80FDFF

 33FBFF

 99FDFF

 19FBFF

 B3FEFF

 00FAFF

 CCFEFF

 E6FFFF

FFFFFF

Harmonies

Analogous

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



8DFBD7



66FCFF



69F8FF

Triad

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



66FCFF



FFD4FF



FFDF9A

Complementary

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



66FCFF



FF6966

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.



FFD2AD



66FCFF



FFCBF7

Square

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



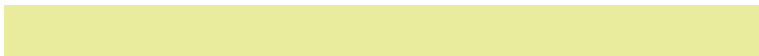
66FCFF



D8E2FF



FFCACF



E8EC9C

Rectangle

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



66FCFF



88F2FF



FFCACF



FFDB9E

Sweetspot

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



66FCFF



D1FEFF



66FF69



637F80



000000



808080

Same Dimension

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



66FCFF



47FBFF



66B0FF



737F80



00BCBF



003F40

Inverse Universe

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



FF66FC



FF47FB



FFB566



80737F



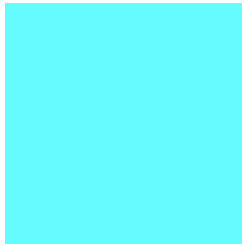
BF00BC



40003F

Previews

White Background



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

Color Contrast Check

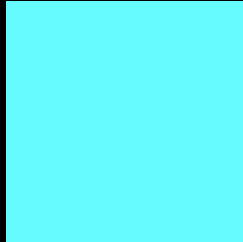
Large Text (above 18pt) WCAG AA × Fail

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 66FCFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

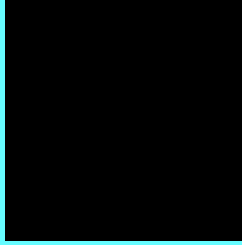
Any Text WCAG AA ✓ Pass

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 66FCFF Background



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



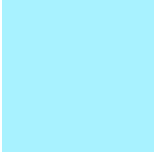
This preview shows how white text looks on a background with the Hex color 66FCFF.

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
A8F2FF

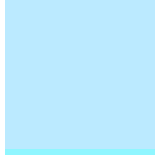
Trichromacy



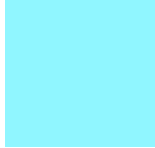
Original Color
66FCFF



Protanomaly
B7EDF5



Deuteranomaly
BBEAFF

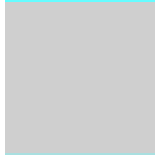


Tritanomaly
90F6FF

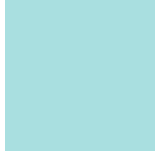
Monochromacy



Original Color
66FCFF



Achromatopsia
CFCFCF



Achromatomaly
A9DFE0

CSS Examples

Text

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

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

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 #66FCFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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