

Converting Colors

Hex(66F7FF)

Have a look what the booklet for
Hex(66F7FF) contains.

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Color

Hex(66F7FF)

Conversions

Conversions Part 1

Format	Color
Hex	66F7FF
RGB	102, 247, 255
RGB Percent	40%, 97%, 100%
CMY	0.6000, 0.0314, 0.0000
CMYK	0.60, 0.03, 0.00, 0.00
HSL	183°, 100%, 70%
HSV	183°, 60%, 100%
XYZ	56.7903, 76.5663, 106.3934
YIQ	204.5570, -88.9880, -28.2520

Conversions

Conversions Part 2

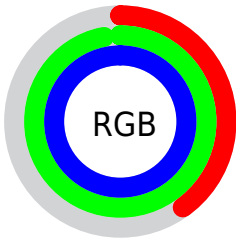
Format	Color
RYB	102, 176, 255
Decimal	6748159
CIELab	90.12, -36.29, -15.50
CIElCh	90, 39.461, 203.121
Yxy	76.5663, 0.2369, 0.3194
Android (android.graphics.Color)	4284938239 (0xFF66F7FF)
YUV	204.5570, 24.8684, -89.9425
Hunter-Lab	87.5022, -37.2796, -10.8388

Details

The Hex color **66F7FF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF6E66**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **A7FFFF**, and **00BEC6** is the 20% darker color. If you saturate the color by 10%, you get **4DF6FF**, and if you desaturate by 10%, it is **80F8FF**.

Distribution



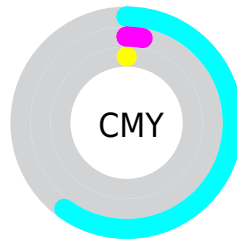
- Red (40%)
- Green (97%)
- Blue (100%)



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



- Cyan (60%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66F7FF 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 66F7FF by changing the saturation by 10% instead.

 66F7FF

 66F7FF

FFFFFF

 41DAE2

 A7FFFF

 00BEC6

 C6FFFF

 00A3AB

 E5FFFF

 008891

 006E77

 00555E

 003D47

 002830

 00021C

 66F7FF

 66F7FF

 4DF6FF

 80F8FF

 33F4FF

 99FAFF

 19F3FF

 B3FBFF

 00F2FF

 CCFCFF

 E6FEFF

FFFFFF

Harmonies

Analogous

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



87F7D8



66F7FF



71F2FF

Triad

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



66F7FF



FFCFFF



FFDD98

Complementary

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



66F7FF



FF6E66

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.



FFD1A8



66F7FF



FFC7ED

Square

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



66F7FF



DCDCFF



FFC8C7



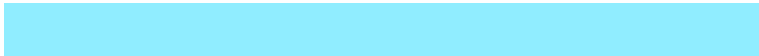
DFE99C

Rectangle

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



66F7FF



90EDFF



FFC8C7



FFD99B

Sweetspot

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



66F7FF



D1FDFF



66FF6E



637E80



000000



808080

Same Dimension

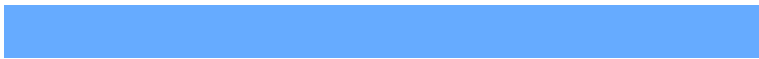
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66F7FF



47F5FF



66ABFF



737F80



00B5BF



003C40

Inverse Universe

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



FF66F7



FF47F5



FFBA66



80737F



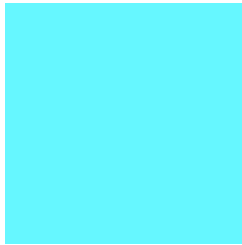
BF00B5



40003C

Previews

White Background



This preview shows how the Hex color 66F7FF looks on a white background.

Color Contrast Check

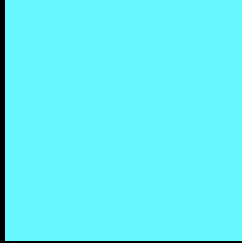
Large Text (above 18pt) WCAG AA × Fail

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 66F7FF 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

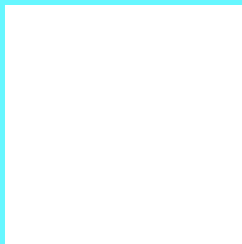
Any Text WCAG AAA ✓ Pass

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

Hex 66F7FF Background



This preview shows how black text looks on a background with the Hex color 66F7FF.

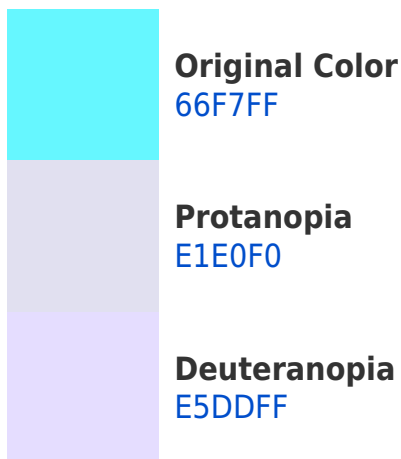


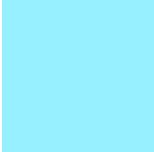
This preview shows how white text looks on a background with the Hex color 66F7FF.

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



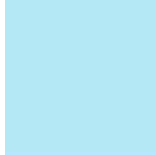


Tritanopia
97F0FF

Trichromacy



Original Color
66F7FF



Protanomaly
B4E8F5



Deuteranomaly
B7E6FF

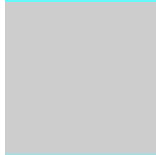


Tritanomaly
85F3FF

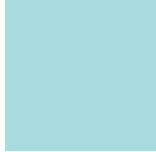
Monochromacy



Original Color
66F7FF



Achromatopsia
CDCDCD



Achromatomaly
A8DCDF

CSS Examples

Text

The CSS property to change the color of the text to Hex 66F7FF 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 #66F7FF looks like.

```
.text, #text, p{  
    color:#66F7FF  
}
```

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 #66F7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66F7FF
}
```

Border

The CSS property to change the border of an element to Hex 66F7FF 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
#66F7FF }
```

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

```
.border{ border-color:#66F7FF }
```

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

Here you see how a box with a 4 pixel #66F7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66F7FF; -webkit-box-shadow:4px 4px  
4px 4px #66F7FF; box-shadow:4px 4px 4px  
4px #66F7FF }
```

Background

The CSS property to change the background color of an element to Hex 66F7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66F7FF }
```

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

```
.background{ background-color:#66F7FF }
```

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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