

Converting Colors

Hex(68F5FF)

Have a look what the booklet for
Hex(68F5FF) contains.

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Color

Hex(68F5FF)

Conversions

Conversions Part 1

Format	Color
Hex	68F5FF
RGB	104, 245, 255
RGB Percent	41%, 96%, 100%
CMY	0.5922, 0.0392, 0.0000
CMYK	0.59, 0.04, 0.00, 0.00
HSL	184°, 100%, 70%
HSV	184°, 59%, 100%
XYZ	56.4113, 75.4679, 106.2013
YIQ	203.9810, -87.2460, -26.7820

Conversions

Conversions Part 2

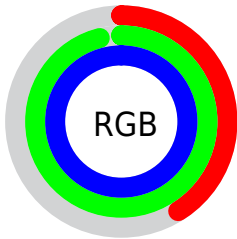
Format	Color
RYB	104, 177, 255
Decimal	6878719
CIELab	89.61, -35.03, -16.26
CIELCh	90, 38.620, 204.891
Yxy	75.4679, 0.2369, 0.3170
Android (android.graphics.Color)	4285068799 (0xFF68F5FF)
YUV	203.9810, 25.1524, -87.6833
Hunter-Lab	86.8722, -36.1157, -11.6714

Details

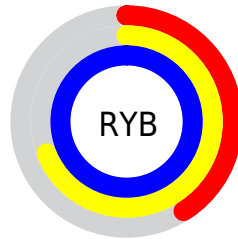
The Hex color **68F5FF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF7268**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **A8FFFF**, and **05BCC6** is the 20% darker color. If you saturate the color by 10%, you get **4FF3FF**, and if you desaturate by 10%, it is **82F7FF**.

Distribution



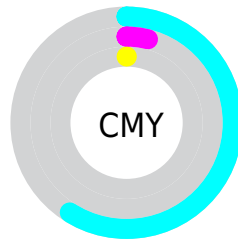
- Red (41%)
- Green (96%)
- Blue (100%)



- Red (41%)
- Yellow (69%)
- Blue (100%)



- Cyan (59%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68F5FF 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 68F5FF by changing the saturation by 10% instead.

 68F5FF

 68F5FF

FFFFFF

 44D8E2

 A8FFFF

 05BCC6

 C7FFFF

 00A1AB

 E6FFFF

 008691

 006D77

 00545E

 003C47

 002730

 00011C

 68F5FF

 68F5FF

 4FF3FF


 82F7FF

 35F2FF

 9BF8FF

 1BF0FF

 B4FAFF

 02EEFF

 CEFCHF

 00EEFF

 E8FDFF

FFFFFF

Harmonies

Analogous

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



86F5D9



68F5FF



75F0FF

Triad

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



68F5FF



FFCDDF



FFDD98

Complementary

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



68F5FF



FF7268

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.



FFD0A6



68F5FF



FFC6E9

Square

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



68F5FF



DEDAFF



FFC7C4



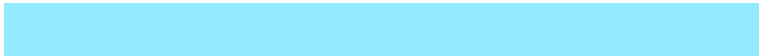
DBE89D

Rectangle

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



68F5FF



94EAFF



FFC7C4



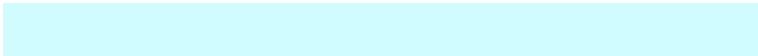
FFD99B

Sweetspot

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



68F5FF



D1FCFF



68FF70



637E80



000000



808080

Same Dimension

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



68F5FF



4AF3FF



68ACFF



737F80



00B3BF



003C40

Inverse Universe

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



FF68F5



FF4AF3



FFBB68



80737F



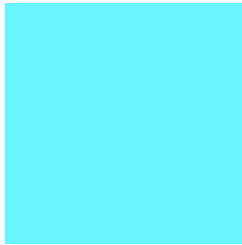
BF00B3



40003C

Previews

White Background



This preview shows how the Hex color 68F5FF looks on a white background.

Color Contrast Check

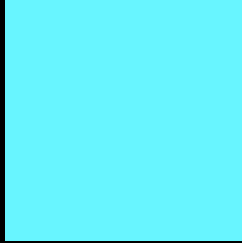
Large Text (above 18pt) WCAG AA × Fail

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 68F5FF 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 68F5FF Background



This preview shows how black text looks on a background with the Hex color 68F5FF.

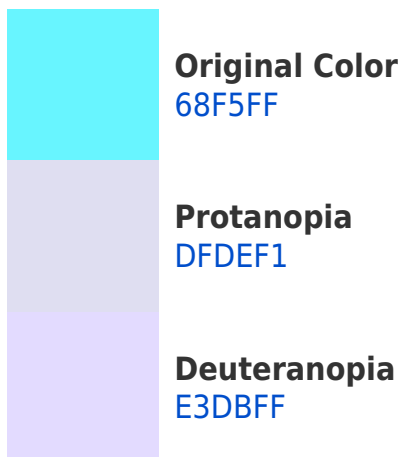


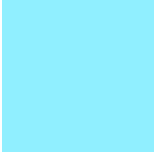
This preview shows how white text looks on a background with the Hex color 68F5FF.

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](#).

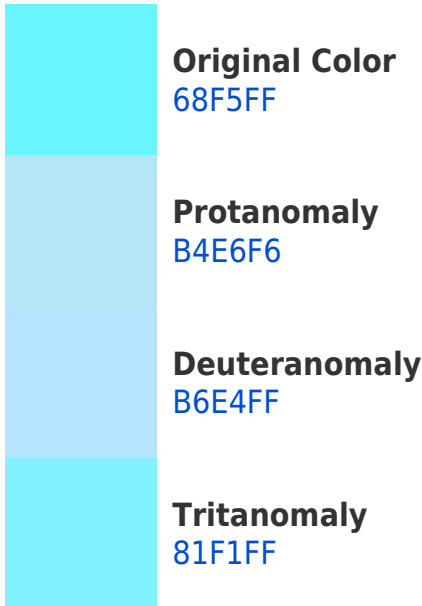
Dichromacy



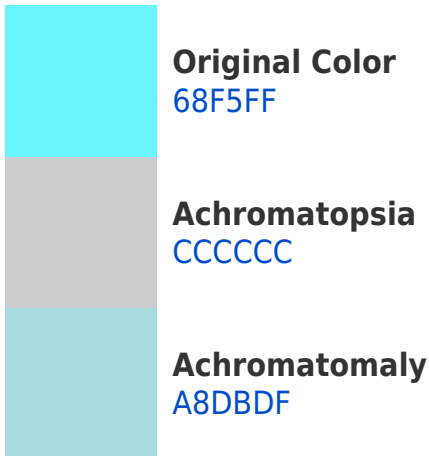


Tritanopia
90EFFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68F5FF 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 #68F5FF looks like.

```
.text, #text, p{  
    color:#68F5FF  
}
```

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 #68F5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68F5FF
}
```

Border

The CSS property to change the border of an element to Hex 68F5FF 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
#68F5FF }
```

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

```
.border{ border-color:#68F5FF }
```

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

Here you see how a box with a 4 pixel #68F5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68F5FF; -webkit-box-shadow:4px 4px  
4px 4px #68F5FF; box-shadow:4px 4px 4px  
4px #68F5FF }
```

Background

The CSS property to change the background color of an element to Hex 68F5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68F5FF }
```

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

```
.background{ background-color:#68F5FF }
```

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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