

# Converting Colors

Hex(CF8FFF)

Have a look what the booklet for  
Hex(CF8FFF) contains.

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# Color

**Hex(CF8FFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF8FFF
RGB	207, 143, 255
RGB Percent	81%, 56%, 100%
CMY	0.1882, 0.4392, 0.0000
CMYK	0.19, 0.44, 0.00, 0.00
HSL	274°, 100%, 78%
HSV	274°, 44%, 100%
XYZ	53.6046, 40.1303, 99.5284
YIQ	174.9040, 2.1920, 48.4000

# Conversions

## Conversions Part 2

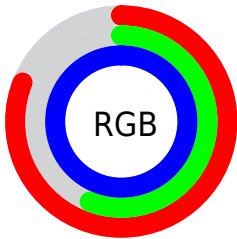
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 143, 255
Decimal	13602815
CIE <sub>Lab</sub>	69.56, 44.30, -46.58
CIE <sub>LCh</sub>	70, 64.281, 313.563
Yxy	40.1303, 0.2774, 0.2076
Android (android.graphics.Color)	4291792895 (0xFFCF8FFF)
YUV	174.9040, 39.4873, 28.1482
Hunter-Lab	63.3485, 40.1843, -48.8080

# Details

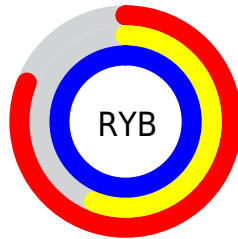
The Hex color **CF8FFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BFFF8F**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFC6FF**, and **975BC6** is the 20% darker color. If you saturate the color by 10%, you get **C476FF**, and if you desaturate by 10%, it is **DAA9FF**.

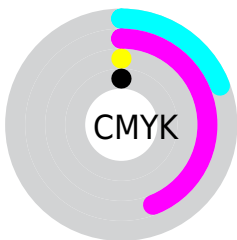
# Distribution



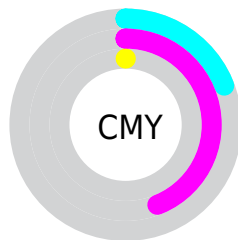
- Red (81%)
- Green (56%)
- Blue (100%)



- Red (81%)
- Yellow (56%)
- Blue (100%)



- Cyan (19%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (44%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF8FFF 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 CF8FFF by changing the saturation by 10% instead.



 CF8FFF

 CF8FFF

FFFFFF

 B275E2

 FFC6FF

 975BC6

 FFE2FF

 7B42AA

 60298F

 460E75

 2B005C

 140044

 00032C

 000117

 CF8FFF

 CF8FFF

 C476FF

 DAA9FF

 B95CFF

 E5C2FF

 AE42FF

 F0DCFF

 A329FF

 FBF5FF

 9810FF

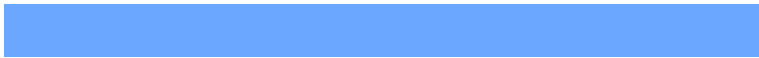
FFFFFF

 9200FF

# Harmonies

## Analogous

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



6BA7FF



CF8FFF



FF79CC

# Triad

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



CF8FFF



E39B34



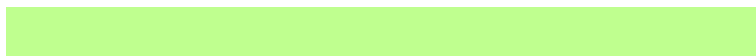
00C6C3

# Complementary

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



CF8FFF



BFFF8F

# 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.



00C487



CF8FFF



B0AF2C

# Square

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



CF8FFF



FF845C



6EBD50



00C3F9

# Rectangle

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



CF8FFF



FF73A5



6EBD50



00C6AF



# Sweetspot

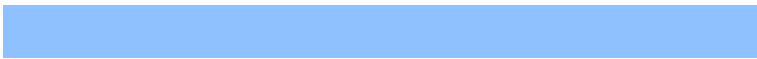
The Sweet Spot groups the original color and five complimentary colors.



CF8FFF



F1DEFF



8FC0FF



776B80



000000



808080



# Same Dimension

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



CF8FFF



C578FF



FF8FF8



7A7380



6D00BF



240040



# Inverse Universe

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



FF8FBF



FF78B2



8FFF96



807378



BF0052

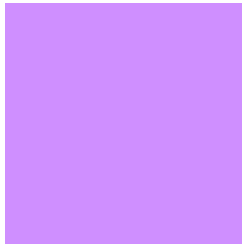


40001B



# Previews

## White Background



This preview shows how the Hex color CF8FFF looks on a white background.

## Color Contrast Check

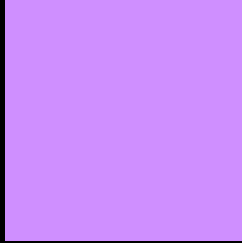
Large Text (above 18pt) WCAG AA × Fail

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 CF8FFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

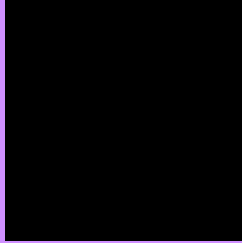
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CF8FFF Background



This preview shows how black text looks on a background with the Hex color CF8FFF.



This preview shows how white text looks on a background with the Hex color CF8FFF.

# 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](#).

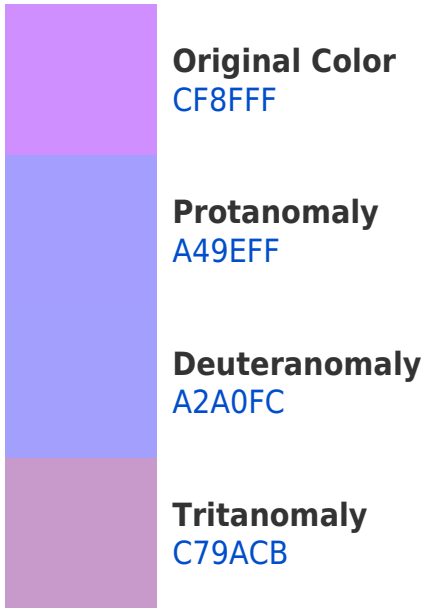
## Dichromacy



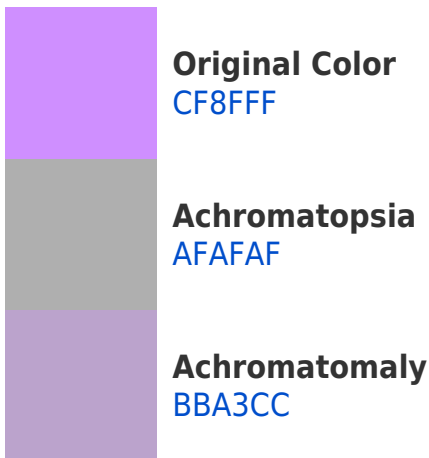


**Tritanopia**  
C2A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF8FFF 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 #CF8FFF looks like.

```
.text, #text, p{  
    color:#CF8FFF  
}
```

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 #CF8FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF8FFF  
}
```

## Border

The CSS property to change the border of an element to Hex CF8FFF 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  
#CF8FFF }
```

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

```
.border{ border-color:#CF8FFF }
```

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

Here you see how a box with a 4 pixel #CF8FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF8FFF; -webkit-box-shadow:4px 4px  
4px 4px #CF8FFF; box-shadow:4px 4px 4px  
4px #CF8FFF }
```

# Background

The CSS property to change the background color of an element to Hex CF8FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF8FFF }
```

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

```
.background{ background-color:#CF8FFF }
```

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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