

# Converting Colors

Hex(FF8BFD)

Have a look what the booklet for  
Hex(FF8BFD) contains.

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**Color**

**Hex(FF8BFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8BFD
RGB	255, 139, 253
RGB Percent	100%, 55%, 99%
CMY	0.0000, 0.4549, 0.0078
CMYK	0.00, 0.45, 0.01, 0.00
HSL	301°, 100%, 77%
HSV	301°, 45%, 100%
XYZ	68.2022, 46.8171, 98.3705
YIQ	186.6800, 32.5420, 60.0460

# Conversions

## Conversions Part 2

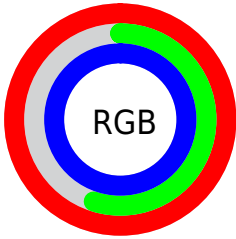
Format	Color
R <sub>Y</sub> B	255, 139, 253
Decimal	16747517
CIE Lab	74.07, 59.39, -38.05
CIE LCh	74, 70.532, 327.355
Yxy	46.8171, 0.3196, 0.2194
Android (android.graphics.Color)	4294937597 (0xFFFF8BFD)
YUV	186.6800, 32.6958, 59.9166
Hunter-Lab	68.4230, 58.1838, -37.3440

# Details

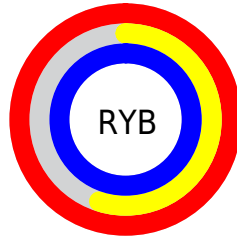
The Hex color **FF8BFD** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8BFF8D**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFC3FF**, and **C454C4** is the 20% darker color. If you saturate the color by 10%, you get **FF72FD**, and if you desaturate by 10%, it is **FFA4FD**.

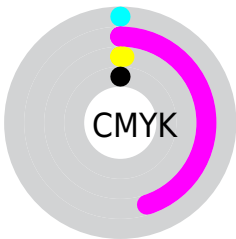
# Distribution



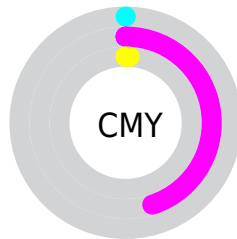
- Red (100%)
- Green (55%)
- Blue (99%)



- Red (100%)
- Yellow (55%)
- Blue (99%)



- Cyan (0%)
- Magenta (45%)
- Yellow (1%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8BFD 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 FF8BFD by changing the saturation by 10% instead.



 FF8BFD

 FF8BFD

FFFFFF

 E16FE0

 FFC3FF

 C454C4

 FFE0FF

 A738A8

FFFEFF

 8B168E

 700074

 55005B

 3B0043

 21002C

 000116

 FF8BFD

 FF8BFD

 FF72FD

 FFA4FD

 FF58FC

 FFBEFE

 FF3EFC

 FFD8FE

 FF25FB

 FFF1FF

 FF0BFB

FFFFFF

 FF00FB

# Harmonies

## Analogous

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



ACA7FF



FF8BFD



FF79BF

# Triad

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



FF8BFD



DCB124



00D4F0

# Complementary

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



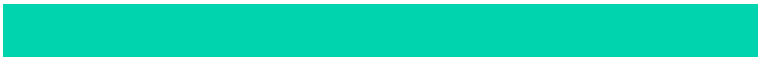
FF8BFD



8BFF8D

# 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.



00D4AE



FF8BFD



9DC437

# Square

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



FF8BFD



FF9848



3DCF6D



00CEFF

# Rectangle

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



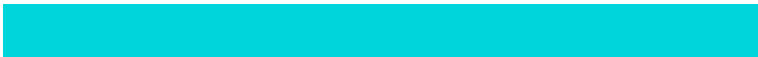
FF8BFD



FF7A93



3DCF6D



00D5DB



# Sweetspot

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



FF8BFD



FFDBFE



8D8BFF



806A7F



000000



808080



# Same Dimension

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



FF8BFD



FF73FD



FF8BC3



80737F



BF00BC



40003F



# Inverse Universe

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



FF8BFD



FF73FD



8BFFC7



80737F



BF00BC



40003F



# Previews

## White Background



This preview shows how the Hex color FF8BFD looks on a white background.

## Color Contrast Check

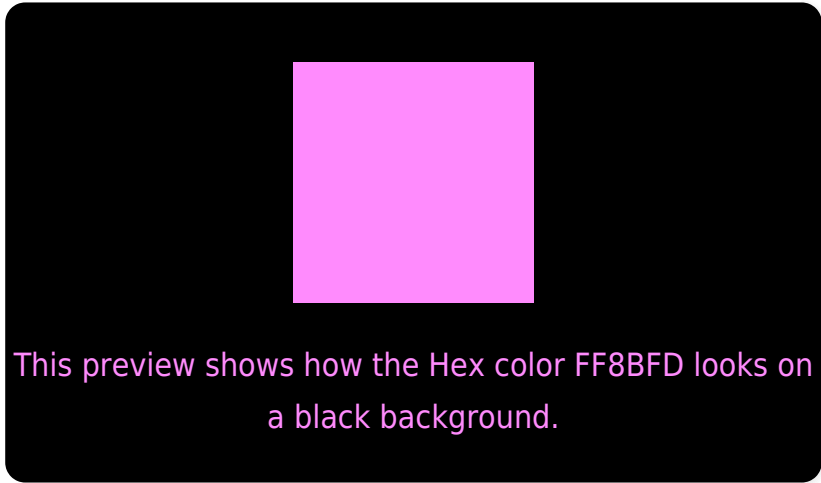
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 FF8BFD Background



This preview shows how black text looks on a background with the Hex color FF8BFD.

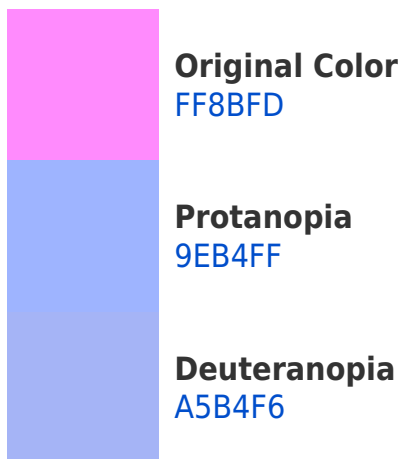


This preview shows how white text looks on a background with the Hex color FF8BFD.

# 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**  
F59EAA

# Trichromacy



**Original Color**  
FF8BFD



**Protanomaly**  
C1A5FE



**Deuteranomaly**  
C6A5F9



**Tritanomaly**  
F997C8

# Monochromacy



**Original Color**  
FF8BFD



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
D4AAD3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8BFD 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 #FF8BFD looks like.

```
.text, #text, p{  
    color:#FF8BFD  
}
```

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 #FF8BFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8BFD
}
```

## Border

The CSS property to change the border of an element to Hex FF8BFD 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
#FF8BFD }
```

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

```
.border{ border-color:#FF8BFD }
```

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

Here you see how a box with a 4 pixel #FF8BFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8BFD; -webkit-box-shadow:4px 4px  
4px 4px #FF8BFD; box-shadow:4px 4px 4px  
4px #FF8BFD }
```

# Background

The CSS property to change the background color of an element to Hex FF8BFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8BFD }
```

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

```
.background{ background-color:#FF8BFD }
```

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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