

# Converting Colors

Hex(FF7EFB)

Have a look what the booklet for  
Hex(FF7EFB) contains.

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# Color

Hex(**FF7EFB**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7EFB
RGB	255, 126, 251
RGB Percent	100%, 49%, 98%
CMY	0.0000, 0.5059, 0.0157
CMYK	0.00, 0.51, 0.02, 0.00
HSL	302°, 100%, 75%
HSV	302°, 51%, 100%
XYZ	66.1134, 43.1467, 96.1104
YIQ	178.8210, 36.7590, 66.2230

# Conversions

## Conversions Part 2

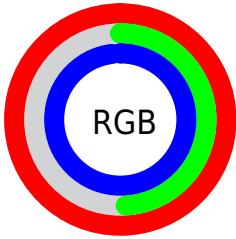
Format	Color
R <sub>Y</sub> B	255, 126, 251
Decimal	16744187
CIE <sub>Lab</sub>	71.65, 65.20, -40.72
CIE <sub>LCh</sub>	72, 76.870, 328.010
Yxy	43.1467, 0.3219, 0.2101
Android (android.graphics.Color)	4294934267 (0xFFFF7EFB)
YUV	178.8210, 35.5842, 66.8090
Hunter-Lab	65.6862, 64.7102, -40.7713

# Details

The Hex color **FF7EFB** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **7EFF82**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFB7FF**, and **C445C2** is the 20% darker color. If you saturate the color by 10%, you get **FF65FA**, and if you desaturate by 10%, it is **FF98FC**.

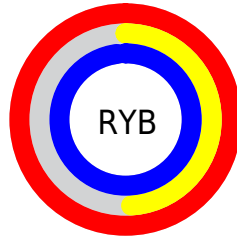
# Distribution



Red (100%)

Green (49%)

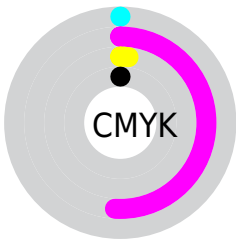
Blue (98%)



Red (100%)

Yellow (49%)

Blue (98%)

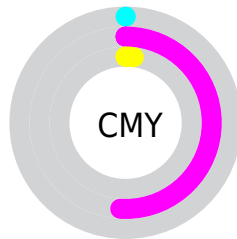


Cyan (0%)

Magenta (51%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7EFB 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 FF7EFB by changing the saturation by 10% instead.



 FF7EFB

 FF7EFB

FFFFFF

 E162DE

 FFB7FF

 C445C2

 FFD4FF

 A725A6

 FFF1FF

 8A008C

 6F0072

 530059

 3A0041

 1D002A

 000113

 FF7EFB

 FF7EFB

 FF65FA

 FF98FC

 FF4BF9

 FFB1FD

 FF31F9

 FFCBFD

 FF18F8

 FFE4FE

 FF00F7

FFFEFF

FFFFFF

# Harmonies

## Analogous

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



A49FFF



FF7EFB



FF68B7

# Triad

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



FF7EFB



D5AB00



00CFF0

# Complementary

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



FF7EFB



7EFF82

# 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.



00CFA9



FF7EFB



90BF1C

# Square

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



FF7EFB



FF8F34



00CA61



00C9FF

# Rectangle

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



FF7EFB



FF6A88



00CA61



00D0D9



# Sweetspot

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



FF7EFB



FFD9FE



807EFF



80697F



000000



808080



# Same Dimension

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



FF7EFB



FF63FA



FF7EBC



80737F



BF00B9



40003E



# Inverse Universe

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



FF7EFB



FF63FA



7EFFC1



80737F



BF00B9



40003E



# Previews

## White Background



This preview shows how the Hex color FF7EFB looks on a white background.

## Color Contrast Check

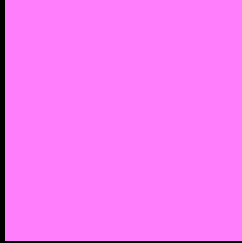
Large Text (above 18pt) WCAG AA × Fail

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 FF7EFB 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 FF7EFB Background



This preview shows how black text looks on a background with the Hex color FF7EFB.

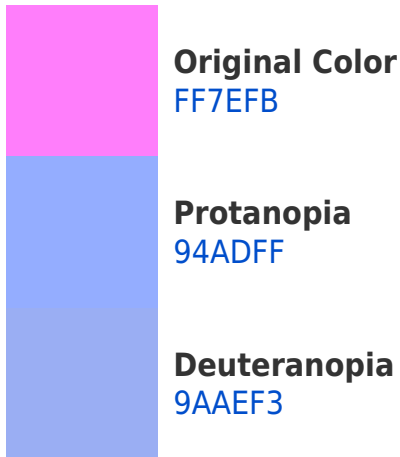


This preview shows how white text looks on a background with the Hex color FF7EFB.

# 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](#).

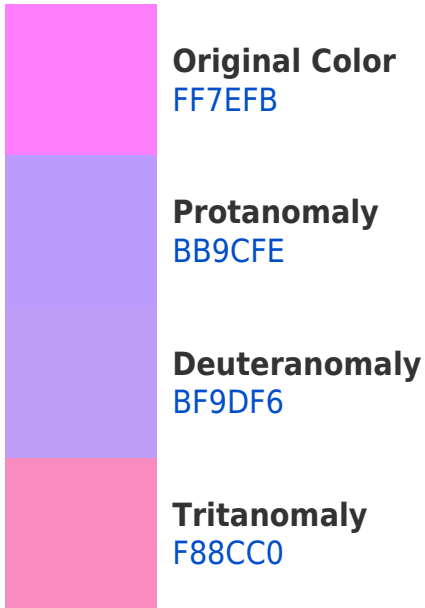
## Dichromacy



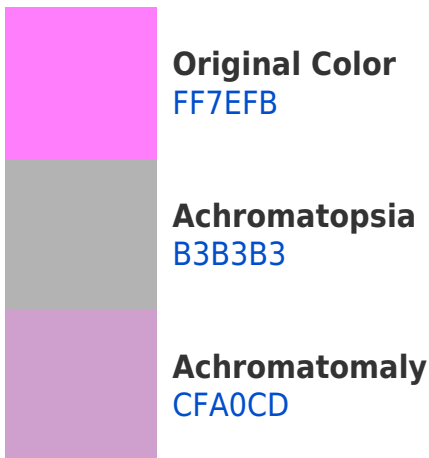


**Tritanopia**  
F4949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7EFB 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 #FF7EFB looks like.

```
.text, #text, p{  
    color:#FF7EFB  
}
```

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 #FF7EFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7EFB
}
```

## Border

The CSS property to change the border of an element to Hex FF7EFB 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
#FF7EFB }
```

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

```
.border{ border-color:#FF7EFB }
```

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

Here you see how a box with a 4 pixel #FF7EFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7EFB; -webkit-box-shadow:4px 4px  
4px 4px #FF7EFB; box-shadow:4px 4px 4px  
4px #FF7EFB }
```

# Background

The CSS property to change the background color of an element to Hex FF7EFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7EFB }
```

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

```
.background{ background-color:#FF7EFB }
```

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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