

# Converting Colors

Hex(FF77EE)

Have a look what the booklet for  
Hex(FF77EE) contains.

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# **Color**

**Hex(F777EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF77EE
RGB	255, 119, 238
RGB Percent	100%, 47%, 93%
CMY	0.0000, 0.5333, 0.0667
CMYK	0.00, 0.53, 0.07, 0.00
HSL	308°, 100%, 73%
HSV	308°, 53%, 100%
XYZ	63.2694, 40.6267, 85.3960
YIQ	173.2300, 42.8570, 65.8410

# Conversions

## Conversions Part 2

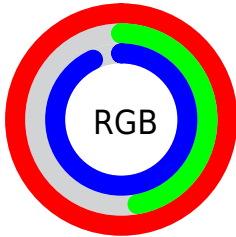
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 119, 238
Decimal	16742382
CIE Lab	69.91, 66.25, -36.31
CIE LCh	70, 75.553, 331.273
Yxy	40.6267, 0.3342, 0.2146
Android (android.graphics.Color)	4294932462 (0xFFFF77EE)
YUV	173.2300, 31.9316, 71.7123
Hunter-Lab	63.7391, 65.6414, -34.8179

# Details

The Hex color **FF77EE** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **77FF88**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFB0FF**, and **C43DB6** is the 20% darker color. If you saturate the color by 10%, you get **FF5EEB**, and if you desaturate by 10%, it is **FF91F1**.

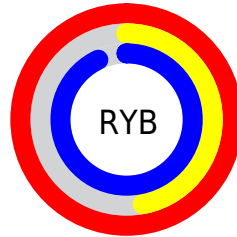
# Distribution



Red (100%)

Green (47%)

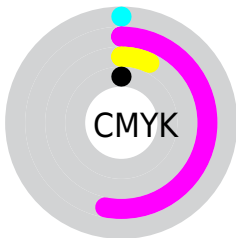
Blue (93%)



Red (100%)

Yellow (47%)

Blue (93%)

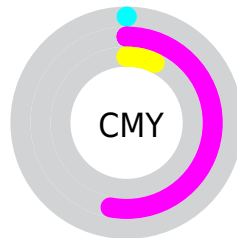


Cyan (0%)

Magenta (53%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF77EE 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 FF77EE by changing the saturation by 10% instead.



 FF77EE

 FF77EE

FFFFFF

 E15AD2

 FFB0FF

 C43DB6

 FFCDFE

 A7199B

 FFE8FF

 8A0080

 6E0067

 53004E

 3A0037

 1B0020

 000004

 FF77EE

 FF77EE

 FF5EEB

 FF91F1

 FF44E8

 FFAAF4

 FF2AE4

 FFC3F8

 FF11E1

 FFDDFB

 FF00DF

 FFF7FE

 FFFFFFFF

# Harmonies

## Analogous

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



AC97FF



FF77EE



FF64AB

# Triad

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



FF77EE



C9A900



00CAFO

# Complementary

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



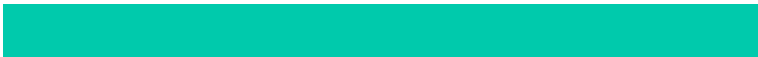
FF77EE



77FF88

# 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.



00CAAC



FF77EE



84BB23

# Square

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



FF77EE



FE8E2B



00C665



00C3FF

# Rectangle

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



FF77EE



FF697D



00C665



00CADB



# Sweetspot

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



FF77EE



FFD6FA



8777FF



80677C



000000



808080



# Same Dimension

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



FF77EE



FF5CEB



FF77AB



80737E



BF00A7



400038



# Inverse Universe

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



FF77EE



FF5CEB



77FFCB



80737E



BF00A7



400038



# Previews

## White Background



This preview shows how the Hex color FF77EE looks on a white background.

## Color Contrast Check

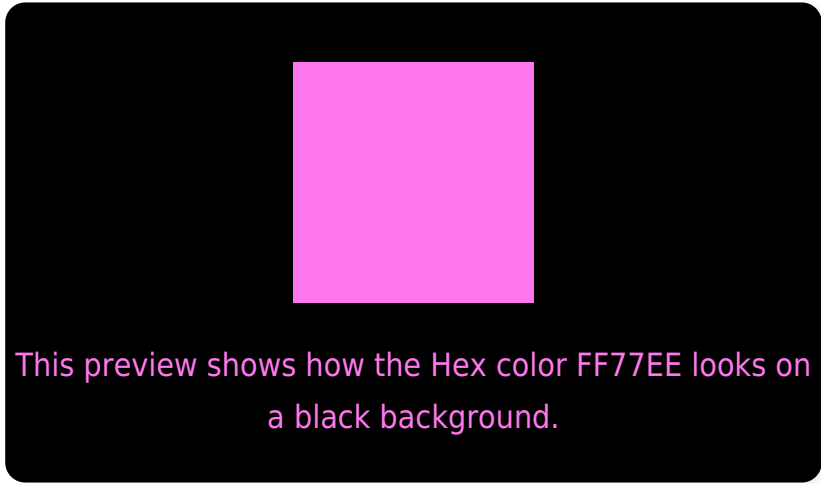
Large Text (above 18pt) WCAG AA × Fail

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 FF77EE Background



This preview shows how black text looks on a background with the Hex color FF77EE.



This preview shows how white text looks on a background with the Hex color FF77EE.

# 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



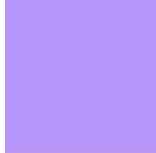


**Tritanopia**  
F58C97

# Trichromacy



**Original Color**  
FF77EE



**Protanomaly**  
B697F9



**Deuteranomaly**  
BF97E9



**Tritanomaly**  
F984B7

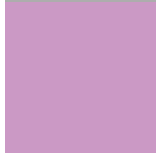
# Monochromacy



**Original Color**  
FF77EE



**Achromatopsia**  
ADADAD



**Achromatomaly**  
CB99C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF77EE 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 #FF77EE looks like.

```
.text, #text, p{  
    color:#FF77EE  
}
```

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 #FF77EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF77EE
}
```

## Border

The CSS property to change the border of an element to Hex FF77EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

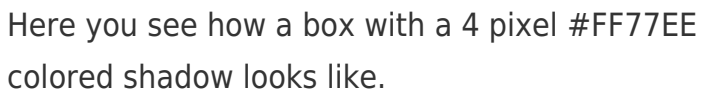
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF77EE }
```

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

```
.border{ border-color:#FF77EE }
```

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



Here you see how a box with a 4 pixel #FF77EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF77EE; -webkit-box-shadow:4px 4px  
4px 4px #FF77EE; box-shadow:4px 4px 4px  
4px #FF77EE }
```

# Background

The CSS property to change the background color of an element to Hex FF77EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF77EE }
```

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

```
.background{ background-color:#FF77EE }
```

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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