

# Converting Colors

Hex(FF78FF)

Have a look what the booklet for  
Hex(FF78FF) contains.

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# Color

Hex(**FF78FF**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF78FF
RGB	255, 120, 255
RGB Percent	100%, 47%, 100%
CMY	0.0000, 0.5294, 0.0000
CMYK	0.00, 0.53, 0.00, 0.00
HSL	300°, 100%, 74%
HSV	300°, 53%, 100%
XYZ	66.0065, 41.9129, 99.2188
YIQ	175.7550, 37.1250, 70.6050

# Conversions

## Conversions Part 2

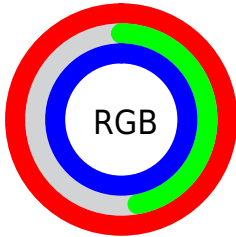
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 120, 255
Decimal	16742655
CIE <sub>Lab</sub>	70.81, 68.59, -44.22
CIE <sub>LCh</sub>	71, 81.614, 327.189
Yxy	41.9129, 0.3187, 0.2023
Android (android.graphics.Color)	4294932735 (0xFFFF78FF)
YUV	175.7550, 39.0678, 69.4979
Hunter-Lab	64.7402, 68.6960, -45.5479

# Details

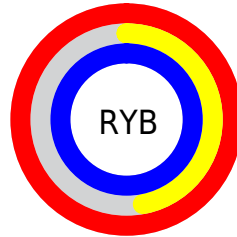
The Hex color **FF78FF** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **78FF78**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFB1FF**, and **C33DC6** is the 20% darker color. If you saturate the color by 10%, you get **FF5FFF**, and if you desaturate by 10%, it is **FF92FF**.

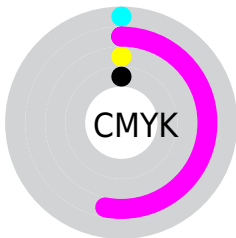
# Distribution



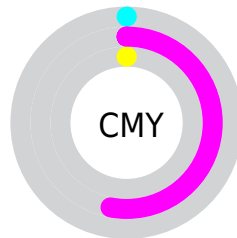
- Red (100%)
- Green (47%)
- Blue (100%)



- Red (100%)
- Yellow (47%)
- Blue (100%)



- Cyan (0%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF78FF 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 FF78FF by changing the saturation by 10% instead.



 FF78FF

 FF78FF

FFFFFF

 E15BE2

 FFB1FF

 C33DC6

 FFCEFF

 A619AA

 FFECFF

 8A008F

 6E0075

 52005C

 390044

 1B002C

 000116

 FF78FF

 FF78FF

 FF5FFF

 FF92FF

 FF45FF

 FFABFF

 FF2CFF

 FFC4FF

 FF12FF

 FFDEFF

 FF00FF

 FFF8FF

 FFFFFFFF

# Harmonies

## Analogous

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



9B9DFF



FF78FF



FF5DB8

# Triad

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



FF78FF



D5A800



00CFEF

# Complementary

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



FF78FF



78FF78

# 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.



00CEA4



FF78FF



8DBD00

# Square

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



FF78FF



FF8929



00C957



00C8FF

# Rectangle

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



FF78FF



FF6086



00C957



00CFD7



# Sweetspot

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



FF78FF



FFD6FF



7878FF



806780



000000



808080



# Same Dimension

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



FF78FF



FF5CFF



FF78BC



807380



BF00BF



400040



# Inverse Universe

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



FF78FF



FF5CFF



78FFBC



807380



BF00BF



400040



# Previews

## White Background



This preview shows how the Hex color FF78FF looks on a white background.

## Color Contrast Check

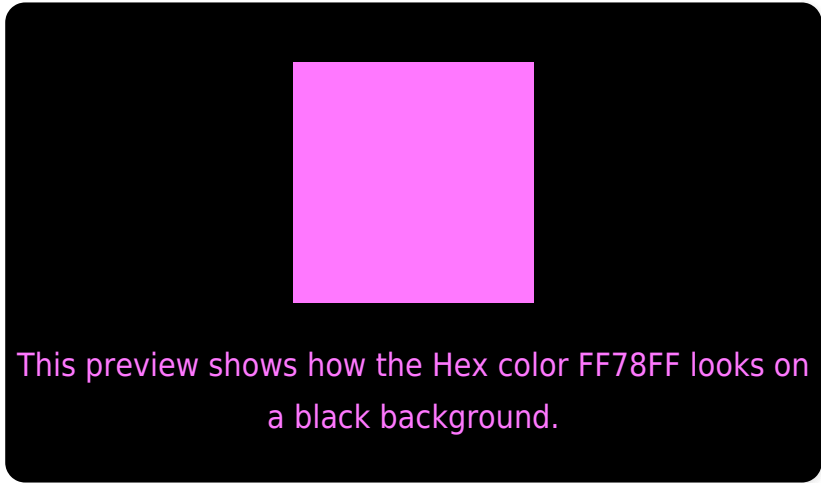
Large Text (above 18pt) WCAG AA × Fail

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 FF78FF Background



This preview shows how black text looks on a background with the Hex color FF78FF.



This preview shows how white text looks on a background with the Hex color FF78FF.

# 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**  
F3919C

# Trichromacy



**Original Color**  
FF78FF



**Protanomaly**  
B898FF



**Deuteranomaly**  
BA99F9



**Tritanomaly**  
F788C0

# Monochromacy



**Original Color**  
FF78FF



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
CD9CCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF78FF 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 #FF78FF looks like.

```
.text, #text, p{  
  color:#FF78FF  
}
```

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 #FF78FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF78FF
}
```

## Border

The CSS property to change the border of an element to Hex FF78FF 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
#FF78FF }
```

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

```
.border{ border-color:#FF78FF }
```

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

Here you see how a box with a 4 pixel #FF78FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF78FF; -webkit-box-shadow:4px 4px  
4px 4px #FF78FF; box-shadow:4px 4px 4px  
4px #FF78FF }
```

# Background

The CSS property to change the background color of an element to Hex FF78FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF78FF }
```

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

```
.background{ background-color:#FF78FF }
```

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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