

# Converting Colors

Hex(F872FF)

Have a look what the booklet for  
Hex(F872FF) contains.

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**Color**

**Hex(F872FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F872FF
RGB	248, 114, 255
RGB Percent	97%, 45%, 100%
CMY	0.0275, 0.5529, 0.0000
CMYK	0.03, 0.55, 0.00, 0.00
HSL	297°, 100%, 72%
HSV	297°, 55%, 100%
XYZ	62.7787, 39.2111, 98.8674
YIQ	170.1400, 34.6030, 72.2590

# Conversions

## Conversions Part 2

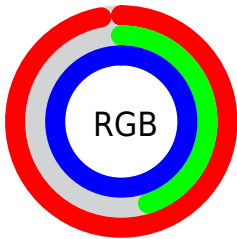
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 114, 255
Decimal	16282367
CIE Lab	68.90, 69.47, -47.28
CIE LCh	69, 84.038, 325.761
Yxy	39.2111, 0.3126, 0.1952
Android (android.graphics.Color)	4294472447 (0xFFFF872FF)
YUV	170.1400, 41.8360, 68.2832
Hunter-Lab	62.6188, 69.3731, -49.7786

# Details

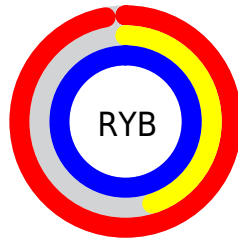
The Hex color **F872FF** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **79FF72**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFABFF**, and **BD37C6** is the 20% darker color. If you saturate the color by 10%, you get **F759FF**, and if you desaturate by 10%, it is **F98CFF**.

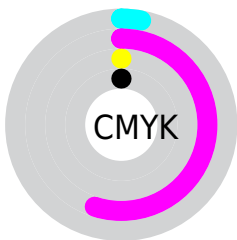
# Distribution



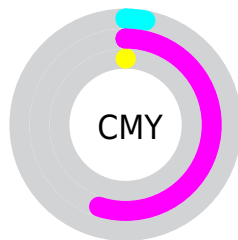
- Red (97%)
- Green (45%)
- Blue (100%)



- Red (97%)
- Yellow (45%)
- Blue (100%)



- Cyan (3%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (55%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F872FF 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 F872FF by changing the saturation by 10% instead.



 F872FF

 F872FF

FFFFFF

 DA55E2

 FFABFF

 BD37C6

 FFC8FF

 A00CAA

 FFE6FF

 83008F

 670075

 4B005C

 330043

 10002C

 000116

 F872FF

 F872FF

 F759FF

 F98CFF

 F53FFF

 FBA5FF

 F425FF

 FCBFFF

 F30CFF

 FDD8FF

 F200FF

 FEF2FF

 FFFFFFFF

# Harmonies

## Analogous

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



8C99FF



F872FF



FF52B6

# Triad

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



F872FF



D3A100



00CAE8

# Complementary

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



F872FF



79FF72

# 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.



00C99B



F872FF



8AB700

# Square

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



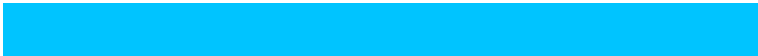
F872FF



FF8121



00C44B



00C4FF

# Rectangle

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



F872FF



FF5484



00C44B



00CACF



# Sweetspot

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



F872FF



FDD4FF



7279FF



7E6680



000000



808080



# Same Dimension

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



F872FF



F757FF



FF72C0



7F7380



B600BF



3D0040



# Inverse Universe

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



FF7279



FF575F



72FFB1



807373



BF0009



400003



# Previews

## White Background



This preview shows how the Hex color F872FF looks on a white background.

## Color Contrast Check

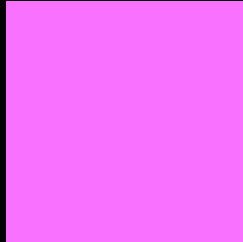
Large Text (above 18pt) WCAG AA × Fail

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 F872FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

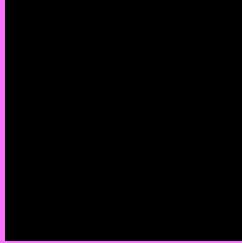
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F872FF Background



This preview shows how black text looks on a background with the Hex color F872FF.




This preview shows how white text looks on a background with the Hex color F872FF.

# 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**  
EB8D98

# Trichromacy



**Original Color**  
F872FF



**Protanomaly**  
B093FF



**Deuteranomaly**  
B194F9



**Tritanomaly**  
F083BD

# Monochromacy



**Original Color**  
F872FF



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
C696C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F872FF 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 #F872FF looks like.

```
.text, #text, p{  
    color:#F872FF  
}
```

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 #F872FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F872FF
}
```

## Border

The CSS property to change the border of an element to Hex F872FF 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
#F872FF }
```

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

```
.border{ border-color:#F872FF }
```

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

Here you see how a box with a 4 pixel #F872FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F872FF; -webkit-box-shadow:4px 4px  
4px 4px #F872FF; box-shadow:4px 4px 4px  
4px #F872FF }
```

# Background

The CSS property to change the background color of an element to Hex F872FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F872FF }
```

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

```
.background{ background-color:#F872FF }
```

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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