

Converting Colors

Hex(FF72EE)

Have a look what the booklet for
Hex(FF72EE) contains.

Hex(FF72EE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F772EE)

Conversions

Conversions Part 1

Format	Color
Hex	FF72EE
RGB	255, 114, 238
RGB Percent	100%, 45%, 93%
CMY	0.0000, 0.5529, 0.0667
CMYK	0.00, 0.55, 0.07, 0.00
HSL	307°, 100%, 72%
HSV	307°, 55%, 100%
XYZ	62.6899, 39.4677, 85.2028
YIQ	170.2950, 44.2320, 68.4560

Conversions

Conversions Part 2

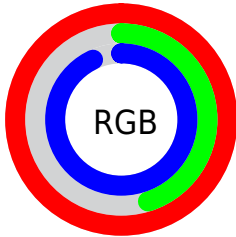
Format	Color
RYB	255, 114, 238
Decimal	16741102
CIELab	69.09, 68.47, -37.60
CIElCh	69, 78.115, 331.230
Yxy	39.4677, 0.3346, 0.2107
Android (android.graphics.Color)	4294931182 (0xFFFF72EE)
YUV	170.2950, 33.3786, 74.2863
Hunter-Lab	62.8233, 68.1803, -36.4345

Details

The Hex color **FF72EE** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **72FF83**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFABFF**, and **C336B6** is the 20% darker color. If you saturate the color by 10%, you get **FF59EB**, and if you desaturate by 10%, it is **FF8CF1**.

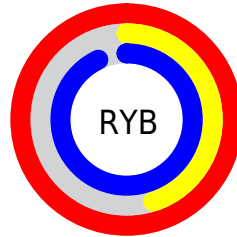
Distribution



Red (100%)

Green (45%)

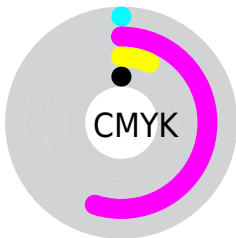
Blue (93%)



Red (100%)

Yellow (45%)

Blue (93%)

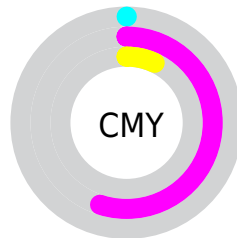


Cyan (0%)

Magenta (55%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF72EE 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 FF72EE by changing the saturation by 10% instead.

 FF72EE

 FF72EE

FFFFFF

 E155D1

 FFABFF

 C336B6

 FFC8FF

 A60A9B

 FFE6FF

 8A0080

 6E0067

 52004E

 390037

 1A0020

 000004

 FF72EE

 FF72EE

 FF59EB

 FF8CF1

 FF3FE8

 FFA5F4

 FF25E5

 FFBFF7

 FF0CE2

 FFD8FA

 FF00E0

 FFF2FD

FFFFFF

Harmonies

Analogous

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



A994FF



FF72EE



FF5DA9

Triad

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



FF72EE



C7A600



00C8F0

Complementary

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



FF72EE



72FF83

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.



00C9AA



FF72EE



80B915

Square

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



FF72EE



FE8A22



00C460



00C1FF

Rectangle

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



FF72EE



FF637A



00C460



00C9DA

Sweetspot

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



FF72EE



FFD4FA



8272FF



80667C



000000



808080

Same Dimension

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



FF72EE



FF57EB



FF72A8



80737E



BF00A8



400038

Inverse Universe

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



FF72EE



FF57EB



72FFC9



80737E



BF00A8



400038

Previews

White Background



This preview shows how the Hex color FF72EE 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 FF72EE Background



This preview shows how black text looks on a background with the Hex color FF72EE.

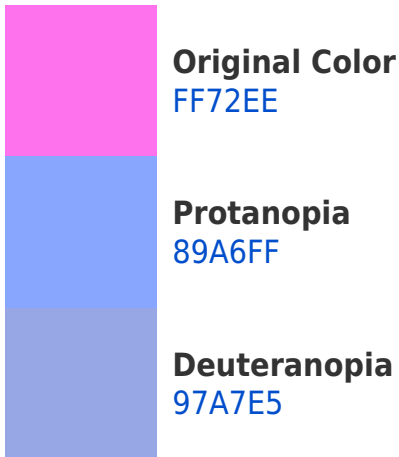


This preview shows how white text looks on a background with the Hex color FF72EE.

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](#).

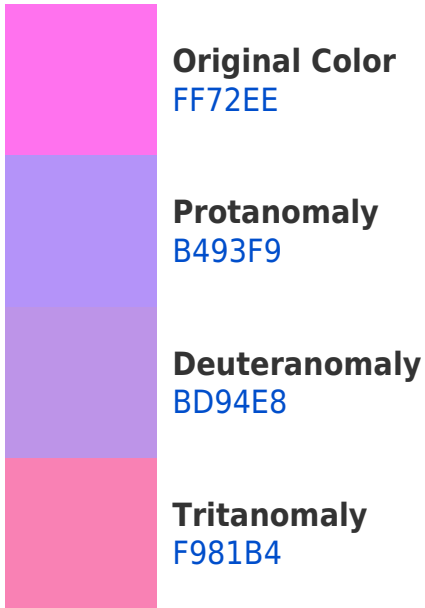
Dichromacy



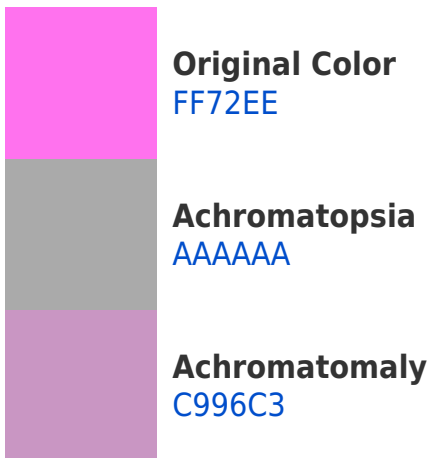


Tritanopia
F58993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF72EE 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 #FF72EE looks like.

```
.text, #text, p{  
    color:#FF72EE  
}
```

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 #FF72EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF72EE
}
```

Border

The CSS property to change the border of an element to Hex FF72EE 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
#FF72EE }
```

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

```
.border{ border-color:#FF72EE }
```

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

Here you see how a box with a 4 pixel #FF72EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF72EE; -webkit-box-shadow:4px 4px  
4px 4px #FF72EE; box-shadow:4px 4px 4px  
4px #FF72EE }
```

Background

The CSS property to change the background color of an element to Hex FF72EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF72EE }
```

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

```
.background{ background-color:#FF72EE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor