

# Converting Colors

Hex(F75EE0)

Have a look what the booklet for  
Hex(F75EE0) contains.

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**Color**

**Hex(F75EE0)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F75EE0                     |
| RGB         | 247, 94, 224               |
| RGB Percent | 97%, 37%, 88%              |
| CMY         | 0.0314, 0.6314, 0.1216     |
| CMYK        | 0.00, 0.62, 0.09, 0.03     |
| HSL         | 309°, 91%, 67%             |
| HSV         | 309°, 62%, 97%             |
| XYZ         | 55.8150, 33.1614, 73.9800  |
| YIQ         | 154.5670, 49.4580, 72.8660 |

# Conversions

## Conversions Part 2

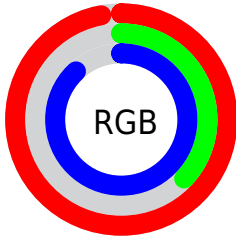
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 247, 94, 224                  |
| Decimal                             | 16211680                      |
| CIE Lab                             | 64.29, 72.62, -37.39          |
| CIE LCh                             | 64, 81.682, 332.756           |
| Yxy                                 | 33.1614, 0.3425,<br>0.2035    |
| Android<br>(android.graphics.Color) | 4294401760<br>(0xFFFF75EE0)   |
| YUV                                 | 154.5670, 34.2305,<br>81.0637 |
| Hunter-Lab                          | 57.5859, 72.2354,<br>-35.8591 |

# Details

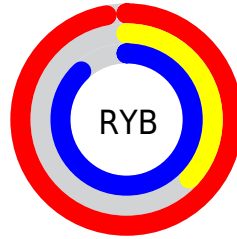
The Hex color **F75EE0** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5EF775**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FF99FF**, and **BB17A8** is the 20% darker color. If you saturate the color by 10%, you get **F745DC**, and if you desaturate by 10%, it is **F777E4**.

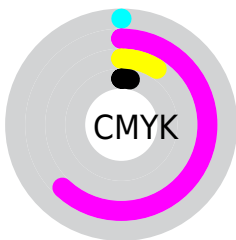
# Distribution



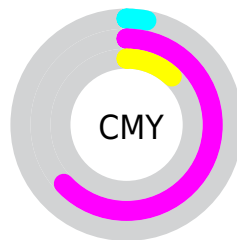
- Red (97%)
- Green (37%)
- Blue (88%)



- Red (97%)
- Yellow (37%)
- Blue (88%)



- Cyan (0%)
- Magenta (62%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (63%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F75EE0 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 F75EE0 by changing the saturation by 10% instead.



 F75EE0

 F75EE0

FFFFFF

 D93FC4

 FF99FF

 BB17A8

 FFB6FF

 9E008E

 FFD3FF

 810074

 FFF1FF

 65005B

 4A0043

 2F002C

 010015

 000000

 F75EE0

 F75EE0

 F745DC

 F777E4

 F72DD9

 F78FE7

 F714D5

 F7A8EB

 F700D2

 F7C1EF

 F7DAF3

 F7F2F6

 F7FFFA

 F7FFFE

 F7FFFF

# Harmonies

## Analogous

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



A085FF



F75EE0



FF4598

# Triad

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



F75EE0



B59B00



00BBE9

# Complementary

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



F75EE0



5EF775

# 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.



00BCA1



F75EE0



6AAE00

# Square

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



F75EE0



EF7E00



00B854



00B4FF

# Rectangle

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



F75EE0



FF4F68



00B854



00BCD2



# Sweetspot

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



F75EE0



FFCFF8



755EF7



80627B



000000



808080



# Same Dimension

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



F75EE0



FF42E3



F75E94



7A6E79



BA009E



3B0032



# Inverse Universe

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



F75EE0



FF42E3



5EF7C1



7A6E79



BA009E



3B0032



# Previews

## White Background



This preview shows how the Hex color F75EE0 looks on a white background.

## Color Contrast Check

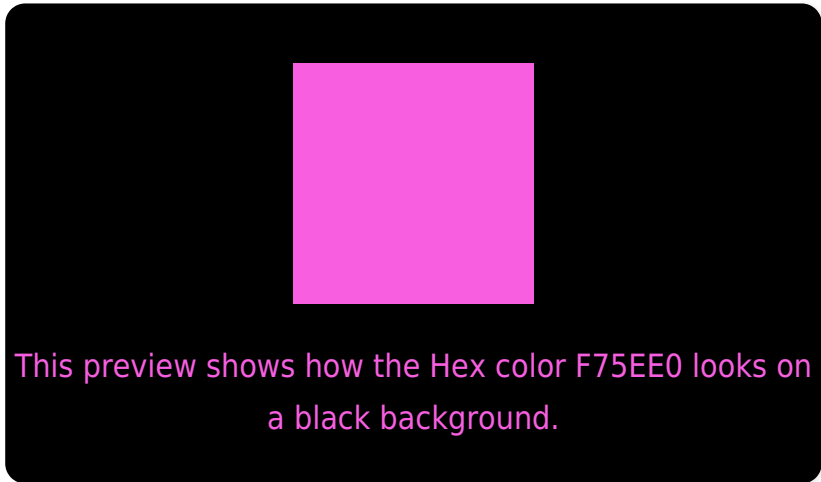
Large Text (above 18pt) WCAG AA × Fail

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 F75EE0 Background



This preview shows how black text looks on a background with the Hex color F75EE0.



This preview shows how white text looks on a background with the Hex color F75EE0.

# 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

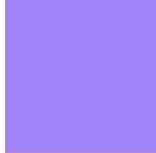




# Trichromacy



**Original Color**  
F75EE0



**Protanomaly**  
A384F4



**Deuteranomaly**  
B284DA



**Tritanomaly**  
F16FA4

# Monochromacy



**Original Color**  
F75EE0



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
BC85B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F75EE0 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 #F75EE0 looks like.

```
.text, #text, p{  
    color:#F75EE0  
}
```

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 #F75EE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F75EE0
}
```

## Border

The CSS property to change the border of an element to Hex F75EE0 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
#F75EE0 }
```

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

```
.border{ border-color:#F75EE0 }
```

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

Here you see how a box with a 4 pixel #F75EE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F75EE0; -webkit-box-shadow:4px 4px  
4px 4px #F75EE0; box-shadow:4px 4px 4px  
4px #F75EE0 }
```

# Background

The CSS property to change the background color of an element to Hex F75EE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F75EE0 }
```

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

```
.background{ background-color:#F75EE0 }
```

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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