

Converting Colors

Hex(FF75EB)

Have a look what the booklet for
Hex(FF75EB) contains.

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Color

Hex(**FF75EB**)

Conversions

Conversions Part 1

Format	Color
Hex	FF75EB
RGB	255, 117, 235
RGB Percent	100%, 46%, 92%
CMY	0.0000, 0.5412, 0.0784
CMYK	0.00, 0.54, 0.08, 0.00
HSL	309°, 100%, 73%
HSV	309°, 54%, 100%
XYZ	62.5967, 39.9807, 83.0151
YIQ	171.7140, 44.3700, 65.9540

Conversions

Conversions Part 2

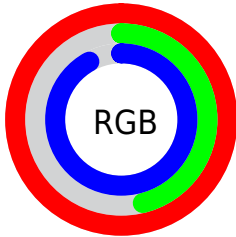
Format	Color
R _Y B	255, 117, 235
Decimal	16741867
CIE Lab	69.46, 66.67, -35.37
CIE LCh	69, 75.476, 332.053
Yxy	39.9807, 0.3373, 0.2154
Android (android.graphics.Color)	4294931947 (0xFFFF75EB)
YUV	171.7140, 31.2000, 73.0418
Hunter-Lab	63.2303, 66.0582, -33.5806

Details

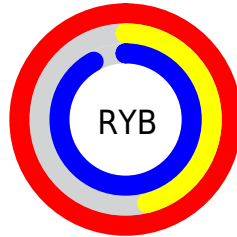
The Hex color **FF75EB** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **75FF89**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFAEFF**, and **C33AB3** is the 20% darker color. If you saturate the color by 10%, you get **FF5BE7**, and if you desaturate by 10%, it is **FF8FEF**.

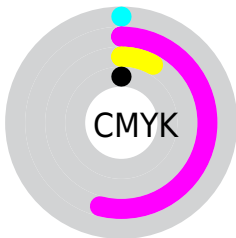
Distribution



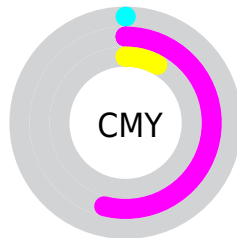
- Red (100%)
- Green (46%)
- Blue (92%)



- Red (100%)
- Yellow (46%)
- Blue (92%)



- Cyan (0%)
- Magenta (54%)
- Yellow (8%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF75EB 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 FF75EB by changing the saturation by 10% instead.

 FF75EB

 FF75EB

FFFFFF

 E158CF

 FFAEFF

 C33AB3

 FFCBFF

 A61498

 FFE9FF

 8A007E

 6E0064

 52004C

 3A0035

 1B001E

 000000

 FF75EB

 FF75EB

 FF5BE7

 FF8FEF

 FF42E4

 FFA8F2

 FF28E0

 FFC2F6

 FF0FDC

 FFDBFA

 FF00DA

 FFF4FD

FFFFFF

Harmonies

Analogous

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



AE95FF



FF75EB



FF62A8

Triad

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



FF75EB



C6A800



00C8F1

Complementary

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



FF75EB



75FF89

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.



00C9AC



FF75EB



81BA23

Square

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



FF75EB



FC8D29



00C566



00C1FF

Rectangle

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



FF75EB



FF687B



00C566



00C9DB

Sweetspot

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



FF75EB



FFD6F9



8775FF



80677C



000000



808080

Same Dimension

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



FF75EB



FF59E7



FF75A8



80737E



BF00A4



400037

Inverse Universe

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



FF75EB



FF59E7



75FFCC



80737E



BF00A4



400037

Previews

White Background



This preview shows how the Hex color FF75EB looks on a white background.

Color Contrast Check

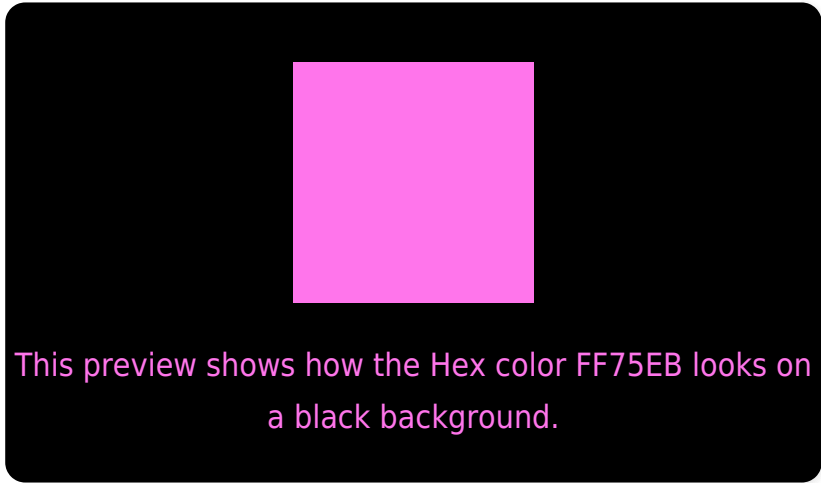
Large Text (above 18pt) WCAG AA × Fail

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 FF75EB Background



This preview shows how black text looks on a background with the Hex color FF75EB.

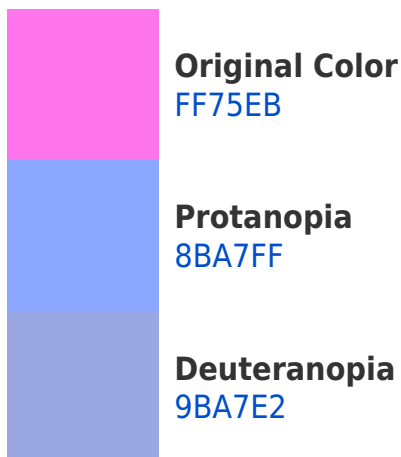


This preview shows how white text looks on a background with the Hex color FF75EB.

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](#).

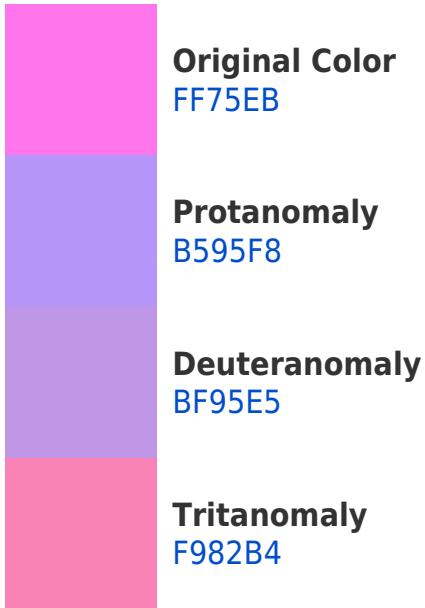
Dichromacy



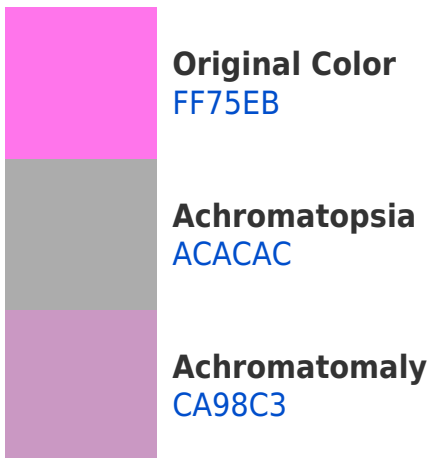


Tritanopia
F58A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF75EB 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 #FF75EB looks like.

```
.text, #text, p{  
    color:#FF75EB  
}
```

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 #FF75EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF75EB
}
```

Border

The CSS property to change the border of an element to Hex FF75EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

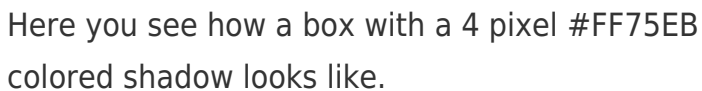
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF75EB }
```

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

```
.border{ border-color:#FF75EB }
```

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



Here you see how a box with a 4 pixel #FF75EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF75EB; -webkit-box-shadow:4px 4px  
4px 4px #FF75EB; box-shadow:4px 4px 4px  
4px #FF75EB }
```

Background

The CSS property to change the background color of an element to Hex FF75EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF75EB }
```

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

```
.background{ background-color:#FF75EB }
```

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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