

# Converting Colors

Hex(EF75FE)

Have a look what the booklet for  
Hex(EF75FE) contains.

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# Color

**Hex(E E75FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE75FE
RGB	238, 117, 254
RGB Percent	93%, 46%, 100%
CMY	0.0667, 0.5412, 0.0039
CMYK	0.06, 0.54, 0.00, 0.00
HSL	293°, 99%, 73%
HSV	293°, 54%, 100%
XYZ	59.5106, 38.0555, 97.9748
YIQ	168.7970, 28.1390, 68.2590

# Conversions

## Conversions Part 2

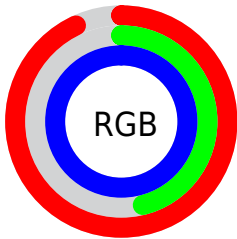
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 117, 254
Decimal	15627774
CIE Lab	68.06, 65.41, -48.15
CIE LCh	68, 81.226, 323.643
Yxy	38.0555, 0.3043, 0.1946
Android (android.graphics.Color)	4293817854 (0xFFEE75FE)
YUV	168.7970, 42.0051, 60.6910
Hunter-Lab	61.6891, 64.2403, -50.9821

# Details

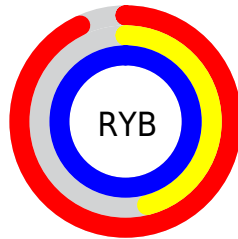
The Hex color **EE75FE** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **85FE75**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFAEFF**, and **B33CC5** is the 20% darker color. If you saturate the color by 10%, you get **EB5CFE**, and if you desaturate by 10%, it is **F18EFE**.

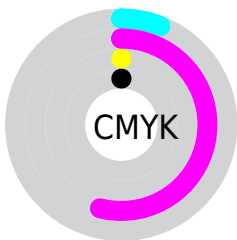
# Distribution



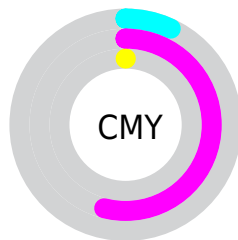
- Red (93%)
- Green (46%)
- Blue (100%)



- Red (93%)
- Yellow (46%)
- Blue (100%)



- Cyan (6%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (54%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE75FE 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 EE75FE by changing the saturation by 10% instead.



 EE75FE

 EE75FE

FFFFFF

 D059E1

 FFAEFF

 B33CC5

 FFCAFF

 9719A9

 FFE8FF

 7A008E

 5F0074

 43005B

 2A0043

 00002B

 000115

 EE75FE

 EE75FE

 EB5CFE

 F18EFE

 E842FE

 F4A8FE

 E529FE

 F7C1FE

 E20FFE

 FADBF E

 E000FE

 FDF4FE

FFFFFFE

# Harmonies

## Analogous

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



8099FF



EE75FE



FF56B9

# Triad

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



EE75FE



D49D00



00C7DF

# Complementary

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



EE75FE



85FE75

# 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.



00C693



EE75FE



8FB300

# Square

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



EE75FE



FF7E2B



00C047



00C2FF

# Rectangle

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



EE75FE



FF5688



00C047



00C7C6



# Sweetspot

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



EE75FE



FAD6FF



7587FE



7D6780



000000



808080



# Same Dimension

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



EE75FE



EC59FF



FE75CC



7E7380



A900BF



380040



# Inverse Universe

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



FE7585



FF596D



75FEA7



807374



BF0016



400007



# Previews

## White Background



This preview shows how the Hex color EE75FE 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

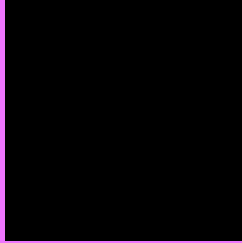
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EE75FE Background



This preview shows how black text looks on a background with the Hex color EE75FE.

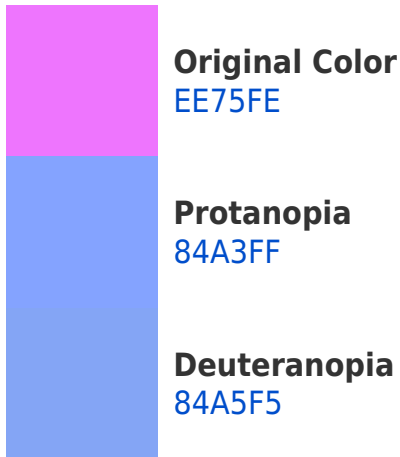


This preview shows how white text looks on a background with the Hex color EE75FE.

# 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**  
E18F99

# Trichromacy



**Original Color**  
EE75FE



**Protanomaly**  
AB92FF



**Deuteranomaly**  
AB94F8



**Tritanomaly**  
E686BE

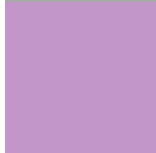
# Monochromacy



**Original Color**  
EE75FE



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
C296C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE75FE 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 #EE75FE looks like.

```
.text, #text, p{  
    color:#EE75FE  
}
```

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 #EE75FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE75FE
}
```

## Border

The CSS property to change the border of an element to Hex EE75FE 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
#EE75FE }
```

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

```
.border{ border-color:#EE75FE }
```

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

Here you see how a box with a 4 pixel #EE75FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE75FE; -webkit-box-shadow:4px 4px  
4px 4px #EE75FE; box-shadow:4px 4px 4px  
4px #EE75FE }
```

# Background

The CSS property to change the background color of an element to Hex EE75FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE75FE }
```

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

```
.background{ background-color:#EE75FE }
```

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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