

Converting Colors

Hex(E75AEF)

Have a look what the booklet for
Hex(E75AEF) contains.

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Color

Hex(E75AEF)

Conversions

Conversions Part 1

Format	Color
Hex	E75AEF
RGB	231, 90, 239
RGB Percent	91%, 35%, 94%
CMY	0.0941, 0.6471, 0.0627
CMYK	0.03, 0.62, 0.00, 0.06
HSL	297°, 82%, 65%
HSV	297°, 62%, 94%
XYZ	52.1911, 30.5332, 84.8041
YIQ	149.1450, 36.2070, 76.2310

Conversions

Conversions Part 2

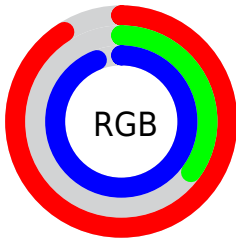
Format	Color
R _Y B	231, 90, 239
Decimal	15162095
CIE Lab	62.11, 72.75, -49.34
CIE LCh	62, 87.903, 325.856
Yxy	30.5332, 0.3115, 0.1823
Android (android.graphics.Color)	4293352175 (0xFFE75AEF)
YUV	149.1450, 44.2985, 71.7868
Hunter-Lab	55.2569, 71.8969, -52.3140

Details

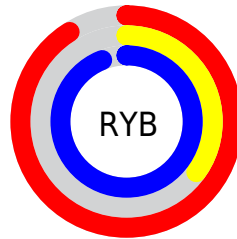
The Hex color **E75AEF** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **62EF5A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF94FF**, and **AC12B6** is the 20% darker color. If you saturate the color by 10%, you get **E642EF**, and if you desaturate by 10%, it is **E872EF**.

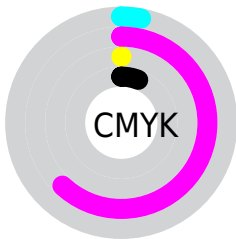
Distribution



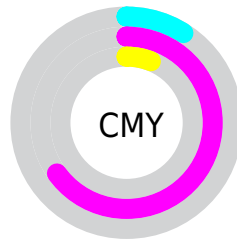
- Red (91%)
- Green (35%)
- Blue (94%)



- Red (91%)
- Yellow (35%)
- Blue (94%)



- Cyan (3%)
- Magenta (62%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (65%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color E75AEF 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 E75AEF by changing the saturation by 10% instead.

 E75AEF

 E75AEF

FFFFFF

 C93BD2

 FF94FF

 AC12B6

 FFB1FF

 8F009B

 FFCEFF

 730080

 FFECFF

 570067

 3C004E

 1F0036

 000220

 000003

 E75AEF

 E75AEF

 E642EF

 E872EF

 E42AEF

 EA8AEF

 E312EF

 EBA2EF

 E200EF

 ECBAEF

 EDD2EF

 EFE9EF

 F0FFEF

 F1FFEF

 F3FFEF

Harmonies

Analogous

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



7286FF



E75AEF



FF2CA4

Triad

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



E75AEF



BF8F00



00B7D8

Complementary

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



E75AEF



62EF5A

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.



00B789



E75AEF



74A500

Square

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



E75AEF



F76C00



00B134



00B3FF

Rectangle

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



E75AEF



FF3071



00B134



00B8BF

Sweetspot

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



E75AEF



FCCFFF



5A64EF



7E6280



000000



808080

Same Dimension

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



E75AEF



F540FF



EF5AAE



776C78



AE00B8



350038

Inverse Universe

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



EF5A62



FF404A



5AEF9B



786C6D



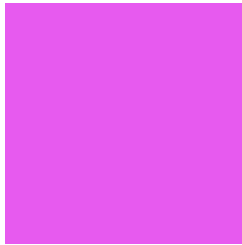
B8000A



380003

Previews

White Background



This preview shows how the Hex color E75AEF looks on a white background.

Color Contrast Check

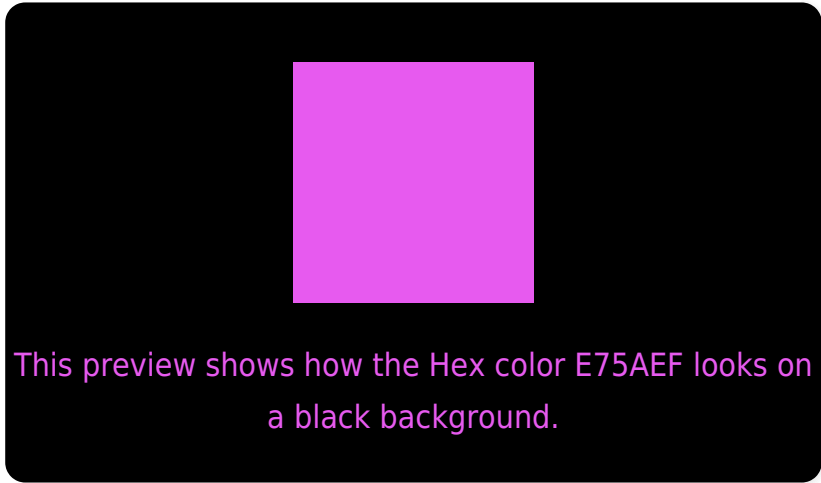
Large Text (above 18pt) WCAG AA × Fail

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

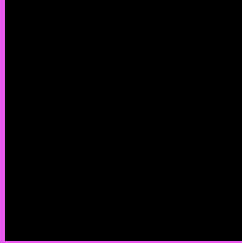
Any Text WCAG AA ✓ Pass

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 E75AEF Background



This preview shows how black text looks on a background with the Hex color E75AEF.

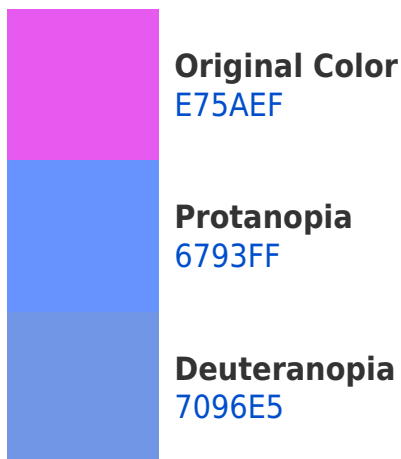



This preview shows how white text looks on a background with the Hex color E75AEF.

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
DA7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E75AEF 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 #E75AEF looks like.

```
.text, #text, p{  
    color:#E75AEF  
}
```

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 #E75AEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E75AEF
}
```

Border

The CSS property to change the border of an element to Hex E75AEF 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
#E75AEF }
```

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

```
.border{ border-color:#E75AEF }
```

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

Here you see how a box with a 4 pixel #E75AEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E75AEF; -webkit-box-shadow:4px 4px  
4px 4px #E75AEF; box-shadow:4px 4px 4px  
4px #E75AEF }
```

Background

The CSS property to change the background color of an element to Hex E75AEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E75AEF }
```

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

```
.background{ background-color:#E75AEF }
```

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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