

Converting Colors

Hex(E735F0)

Have a look what the booklet for
Hex(E735F0) contains.

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Color

Hex(E735F0)

Conversions

Conversions Part 1

Format	Color
Hex	E735F0
RGB	231, 53, 240
RGB Percent	91%, 21%, 94%
CMY	0.0941, 0.7922, 0.0588
CMYK	0.04, 0.78, 0.00, 0.06
HSL	297°, 86%, 57%
HSV	297°, 78%, 94%
XYZ	49.9563, 25.8264, 84.7901
YIQ	127.5400, 46.0610, 95.8930

Conversions

Conversions Part 2

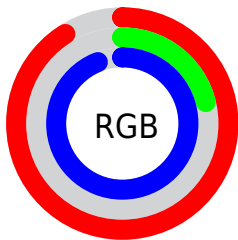
Format	Color
R _{YB}	231, 53, 240
Decimal	15152624
CIE _{Lab}	57.87, 85.10, -56.64
CIE _{LCh}	58, 102.221, 326.353
Yxy	25.8264, 0.3111, 0.1608
Android (android.graphics.Color)	4293342704 (0xFFE735F0)
YUV	127.5400, 55.4428, 90.7344
Hunter-Lab	50.8197, 86.5329, -63.3486

Details

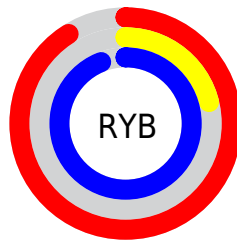
The Hex color **E735F0** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **3EF035**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF78FF**, and **AB00B7** is the 20% darker color. If you saturate the color by 10%, you get **E61DF0**, and if you desaturate by 10%, it is **E84DF0**.

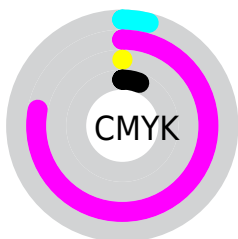
Distribution



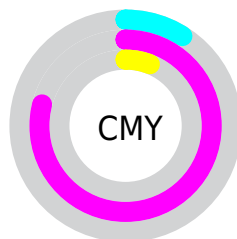
- Red (91%)
- Green (21%)
- Blue (94%)



- Red (91%)
- Yellow (21%)
- Blue (94%)



- Cyan (4%)
- Magenta (78%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (79%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color E735F0 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 E735F0 by changing the saturation by 10% instead.

 E735F0

 E735F0

FFFFFF

 C900D3

 FF78FF

 AB00B7

 FF96FF

 8D009C

 FFB4FF

 700081

 FFD3FF

 530067

 FFF1FF

 38004E

 170036

 00021F

 000003

 E735F0

 E735F0

 E61DF0

 E84DF0

 E505F0

 E965F0

 E400F0

 EA7DF0

 EC95F0

 EDADF0

 EEC5F0

 EFDDF0

 F0F5F0

 F1FFF0

Harmonies

Analogous

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



4E78FF



E735F0



FF009A

Triad

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



E735F0



B38400



00AFD9

Complementary

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



E735F0



3EF035

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.



00AD7D



E735F0



5A9C00

Square

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



E735F0



F35700



00A80C



00ABFF

Rectangle

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



E735F0



FF0060



00A80C



00AFBB

Sweetspot

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



E735F0



FCC4FF



353EF0



7E5C80



000000



808080

Same Dimension

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



E735F0



F30FFF



F0359C



776C78



AF00B8



350038

Inverse Universe

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



F0353E



FF0F1B



35F089



786C6C



B80009



380003

Previews

White Background



This preview shows how the Hex color E735F0 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

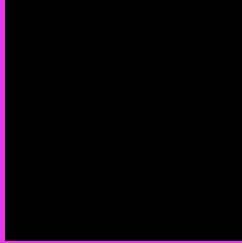
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex E735F0 Background



This preview shows how black text looks on a background with the Hex color E735F0.




This preview shows how white text looks on a background with the Hex color E735F0.

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](#).

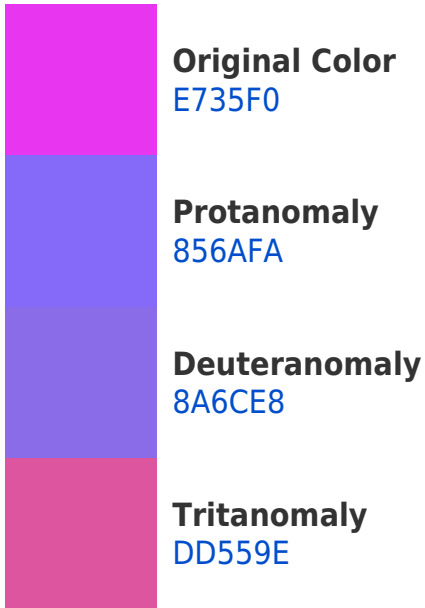
Dichromacy



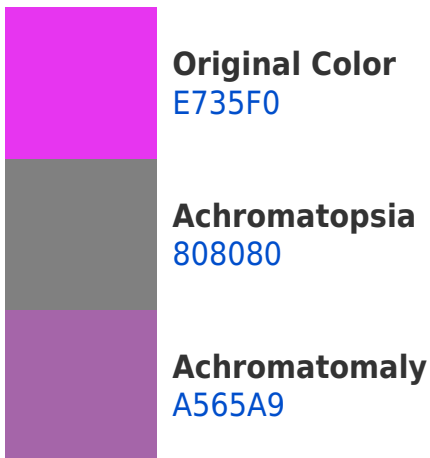


Tritanopia
D8686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E735F0 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 #E735F0 looks like.

```
.text, #text, p{  
    color:#E735F0  
}
```

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 #E735F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E735F0
}
```

Border

The CSS property to change the border of an element to Hex E735F0 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
#E735F0 }
```

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

```
.border{ border-color:#E735F0 }
```

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

Here you see how a box with a 4 pixel #E735F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E735F0; -webkit-box-shadow:4px 4px  
4px 4px #E735F0; box-shadow:4px 4px 4px  
4px #E735F0 }
```

Background

The CSS property to change the background color of an element to Hex E735F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E735F0 }
```

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

```
.background{ background-color:#E735F0 }
```

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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