

# Converting Colors

Hex(E733F0)

Have a look what the booklet for  
Hex(E733F0) contains.

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**Color**

**Hex(E733F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E733F0
RGB	231, 51, 240
RGB Percent	91%, 20%, 94%
CMY	0.0941, 0.8000, 0.0588
CMYK	0.04, 0.79, 0.00, 0.06
HSL	297°, 86%, 57%
HSV	297°, 79%, 94%
XYZ	49.8670, 25.6478, 84.7603
YIQ	126.3660, 46.6110, 96.9390

# Conversions

## Conversions Part 2

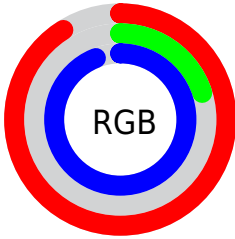
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 51, 240
Decimal	15152112
CIE Lab	57.70, 85.59, -56.91
CIE LCh	58, 102.784, 326.380
Yxy	25.6478, 0.3111, 0.1600
Android (android.graphics.Color)	4293342192 (0xFFE733F0)
YUV	126.3660, 56.0216, 91.7640
Hunter-Lab	50.6437, 87.1359, -63.7807

# Details

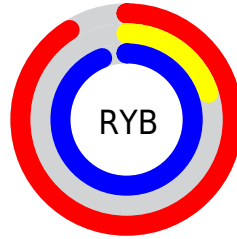
The Hex color **E733F0** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **3CF033**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF77FF**, and **AB00B7** is the 20% darker color. If you saturate the color by 10%, you get **E61BF0**, and if you desaturate by 10%, it is **E84BF0**.

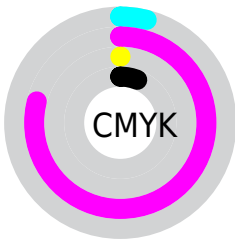
# Distribution



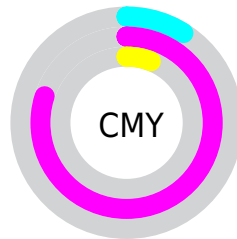
- Red (91%)
- Green (20%)
- Blue (94%)



- Red (91%)
- Yellow (20%)
- Blue (94%)



- Cyan (4%)
- Magenta (79%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (80%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E733F0 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 E733F0 by changing the saturation by 10% instead.



 E733F0

 E733F0

FFFFFF

 C900D3

 FF77FF

 AB00B7

 FF95FF

 8D009C

 FFB3FF

 700081


 FFD1FF

 530067

 FFF0FF

 38004E

 170036

 00021F

 000003

 E733F0

 E733F0

 E61BF0

 E84BF0

 E503F0

 E963F0

 E500F0

 EA7BF0

 EC93F0

 EDABF0

 EEC3F0

 EFDBF0

 F0F3F0

 F1FFF0

# Harmonies

## Analogous

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



4D78FF



E733F0



FF009A

# Triad

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



E733F0



B28400



00AED9

# Complementary

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



E733F0



3CF033

# 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



E733F0



599C00

# Square

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



E733F0



F35700



00A809



00ABFF

# Rectangle

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



E733F0



FF005F



00A809



00AE5B



# Sweetspot

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



E733F0



FCC2FF



333CF0



7E5B80



000000



808080



# Same Dimension

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



E733F0



F30DFF



F0339B



776C78



AF00B8



350038



# Inverse Universe

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



F0333C



FF0D18



33F088



786C6C



B80009



380003



# Previews

## White Background



This preview shows how the Hex color E733F0 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

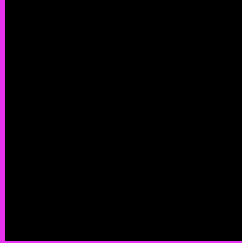
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E733F0 Background



This preview shows how black text looks on a background with the Hex color E733F0.



This preview shows how white text looks on a background with the Hex color E733F0.

# 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](#).

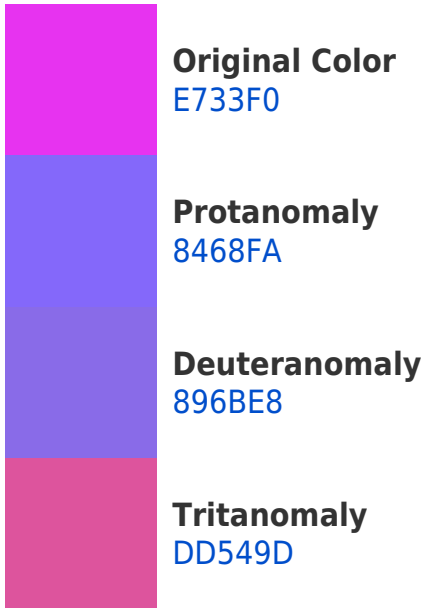
## Dichromacy



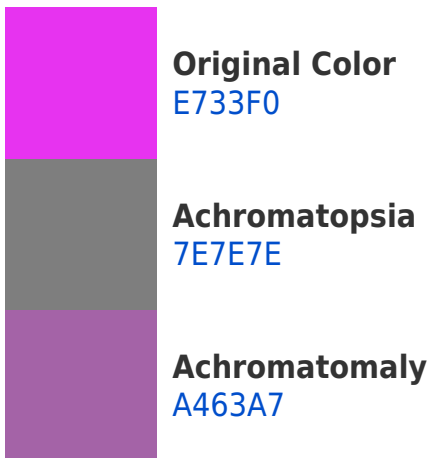


**Tritanopia**  
D8676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E733F0 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 #E733F0 looks like.

```
.text, #text, p{  
    color:#E733F0  
}
```

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 #E733F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E733F0
}
```

## Border

The CSS property to change the border of an element to Hex E733F0 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
#E733F0 }
```

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

```
.border{ border-color:#E733F0 }
```

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

Here you see how a box with a 4 pixel #E733F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E733F0; -webkit-box-shadow:4px 4px  
4px 4px #E733F0; box-shadow:4px 4px 4px  
4px #E733F0 }
```

# Background

The CSS property to change the background color of an element to Hex E733F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E733F0 }
```

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

```
.background{ background-color:#E733F0 }
```

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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