

# Converting Colors

Hex(E745E2)

Have a look what the booklet for  
Hex(E745E2) contains.

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**Color**

**Hex(E745E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E745E2
RGB	231, 69, 226
RGB Percent	91%, 27%, 89%
CMY	0.0941, 0.7294, 0.1137
CMYK	0.00, 0.70, 0.02, 0.09
HSL	302°, 77%, 59%
HSV	302°, 70%, 91%
XYZ	48.8106, 26.7362, 74.5395
YIQ	135.3360, 46.1550, 83.1710

# Conversions

## Conversions Part 2

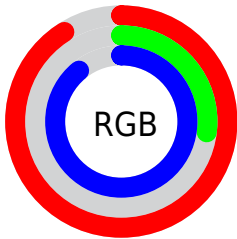
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 69, 226
Decimal	15156706
CIE <sub>Lab</sub>	58.73, 78.29, -47.42
CIE <sub>LCh</sub>	59, 91.535, 328.795
Yxy	26.7362, 0.3252, 0.1781
Android (android.graphics.Color)	4293346786 (0xFFE745E2)
YUV	135.3360, 44.6974, 83.8973
Hunter-Lab	51.7070, 78.0138, -49.2760

# Details

The Hex color **E745E2** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **45E74A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF83FF**, and **AB00AA** is the 20% darker color. If you saturate the color by 10%, you get **E72EE1**, and if you desaturate by 10%, it is **E75CE3**.

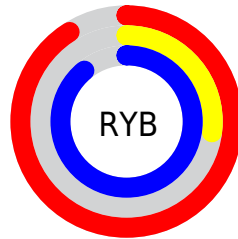
# Distribution



Red (91%)

Green (27%)

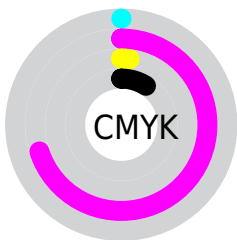
Blue (89%)



Red (91%)

Yellow (27%)

Blue (89%)

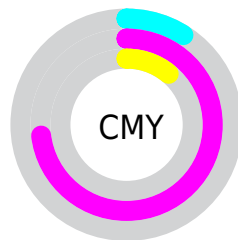


Cyan (0%)

Magenta (70%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (73%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E745E2 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 E745E2 by changing the saturation by 10% instead.



 E745E2

 E745E2

FFFFFF

 C91DC6

 FF83FF

 AB00AA

 FFA0FF

 8E008F

 FFBEFF

 720075

 FFDCFF

 55005B

 FFFAFF

 3B0043

 1C002C

 000116

 000000

 E745E2

 E745E2

 E72EE1

 E75CE3

 E717E1

 E773E3

 E700E0

 E78AE4

 E7A1E5

 E7B9E6

 E7D0E6

 E7E7E7

 E7FEE8

 E7FFE8

# Harmonies

## Analogous

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



7579FF



E745E2



FF0094

# Triad

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



E745E2



AE8900



00AFD9

# Complementary

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



E745E2



45E74A

# 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.



00AE88



E745E2



5E9E00

# Square

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



E745E2



EA6500



00A930



00A9FF

# Rectangle

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



E745E2



FF0D5F



00A930



00AFBF



# Sweetspot

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



E745E2



FFC9FD



4845E7



80607F



000000



808080



# Same Dimension

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



E745E2



FF29F8



E74593



736772



B300AD



330031



# Inverse Universe

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



E745E2



FF29F8



45E799



736772



B300AD



330031



# Previews

## White Background



This preview shows how the Hex color E745E2 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

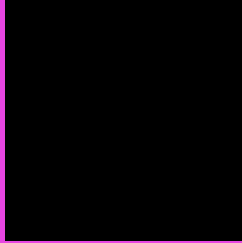
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E745E2 Background



This preview shows how black text looks on a background with the Hex color E745E2.

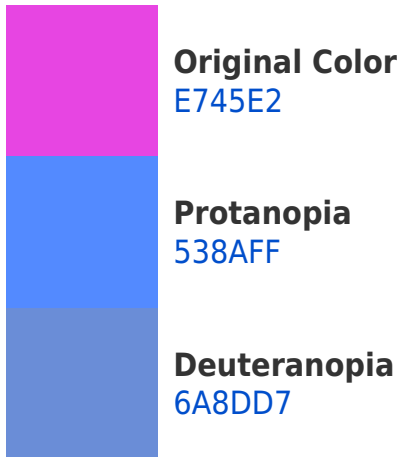



This preview shows how white text looks on a background with the Hex color E745E2.

# 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](#).

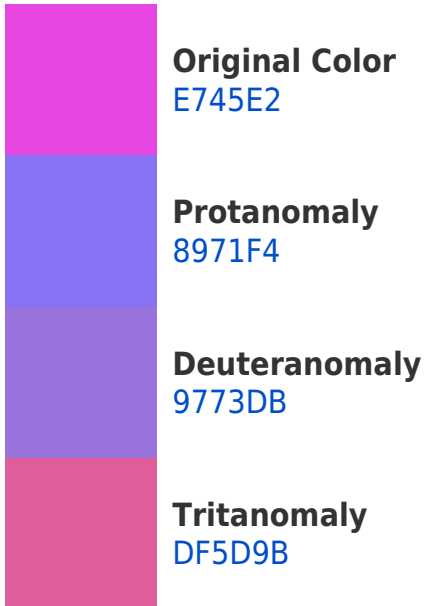
## Dichromacy



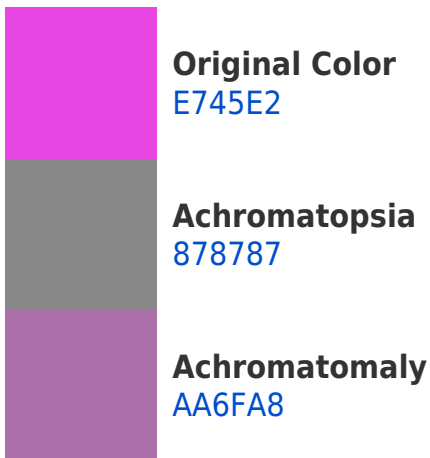


**Tritanopia**  
DB6A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E745E2 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 #E745E2 looks like.

```
.text, #text, p{  
  color:#E745E2  
}
```

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 #E745E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E745E2
}
```

## Border

The CSS property to change the border of an element to Hex E745E2 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
#E745E2 }
```

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

```
.border{ border-color:#E745E2 }
```

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

Here you see how a box with a 4 pixel #E745E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E745E2; -webkit-box-shadow:4px 4px  
4px 4px #E745E2; box-shadow:4px 4px 4px  
4px #E745E2 }
```

# Background

The CSS property to change the background color of an element to Hex E745E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E745E2 }
```

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

```
.background{ background-color:#E745E2 }
```

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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