

# Converting Colors

Hex(E750C1)

Have a look what the booklet for  
Hex(E750C1) contains.

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# **Color**

**Hex(E750C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E750C1
RGB	231, 80, 193
RGB Percent	91%, 31%, 76%
CMY	0.0941, 0.6863, 0.2431
CMYK	0.00, 0.65, 0.16, 0.09
HSL	315°, 76%, 61%
HSV	315°, 65%, 91%
XYZ	45.4493, 26.5765, 53.1864
YIQ	138.0310, 53.7230, 67.1550

# Conversions

## Conversions Part 2

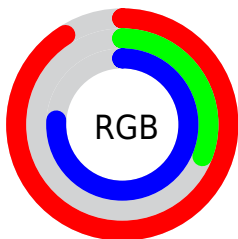
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 80, 193
Decimal	15159489
CIE <sub>Lab</sub>	58.58, 69.52, -28.92
CIE <sub>LCh</sub>	59, 75.301, 337.411
Yxy	26.5765, 0.3630, 0.2123
Android (android.graphics.Color)	4293349569 (0xFFE750C1)
YUV	138.0310, 27.0997, 81.5338
Hunter-Lab	51.5524, 67.1513, -25.0826

# Details

The Hex color **E750C1** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **50E776**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF8AFA**, and **AC008B** is the 20% darker color. If you saturate the color by 10%, you get **E739BB**, and if you desaturate by 10%, it is **E767C7**.

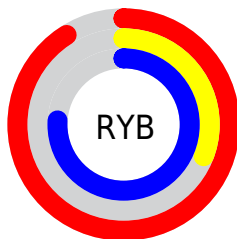
# Distribution



Red (91%)

Green (31%)

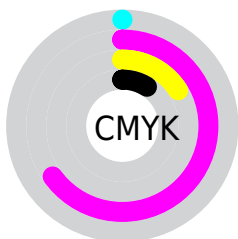
Blue (76%)



Red (91%)

Yellow (31%)

Blue (76%)

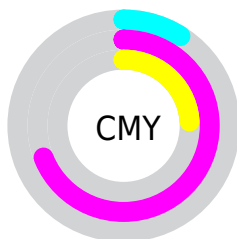


Cyan (0%)

Magenta (65%)

Yellow (16%)

Black (9%)



Cyan (9%)

Magenta (69%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E750C1 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 E750C1 by changing the saturation by 10% instead.



 E750C1

 E750C1

FFFFFF

 C930A6

 FF8AFA

 AC008B

 FFA7FF

 8F0071

 FFC5FF

 720059

 FFE2FF

 560041

 3D002B

 1E0014

 000000

 E750C1

 E750C1

 E739BB

 E767C7

 E722B5

 E77ECD

 E70BB0

 E795D2

 E700AD

 E7ACD8

 E7C4DE

 E7DBE4

 E7F2EA

 E7FFF0

 E7FFF5

# Harmonies

## Analogous

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



A173F7



E750C1



FF3F7F

# Triad

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



E750C1



9B8F00



00A9DC

# Complementary

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



E750C1



50E776

# 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.



00AA9C



E750C1



539F05

# Square

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



E750C1



D17600



00A757



00A1FF

# Rectangle

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



E750C1



FD4C55



00A757



00AAC8



# Sweetspot

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



E750C1



FFCCF2



7650E7



806178



000000



808080



# Same Dimension

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



E750C1



FF38CD



E75076



736770



B30086



330026



# Inverse Universe

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



E750C1



FF38CD



50E7C1



736770



B30086

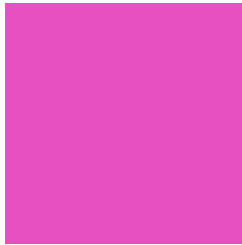


330026



# Previews

## White Background



This preview shows how the Hex color E750C1 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

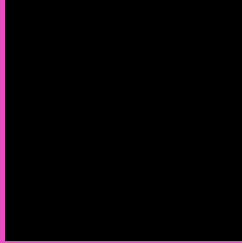
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E750C1 Background



This preview shows how black text looks on a background with the Hex color E750C1.



This preview shows how white text looks on a background with the Hex color E750C1.

# 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](#).

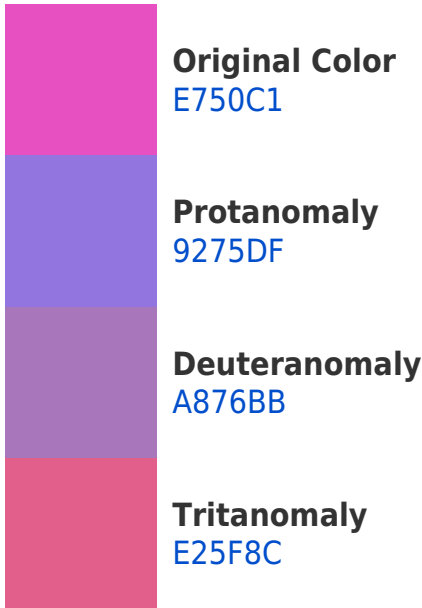
## Dichromacy





**Tritanopia**  
DF676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E750C1 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 #E750C1 looks like.

```
.text, #text, p{  
    color:#E750C1  
}
```

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 #E750C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E750C1
}
```

## Border

The CSS property to change the border of an element to Hex E750C1 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
#E750C1 }
```

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

```
.border{ border-color:#E750C1 }
```

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

Here you see how a box with a 4 pixel #E750C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E750C1; -webkit-box-shadow:4px 4px  
4px 4px #E750C1; box-shadow:4px 4px 4px  
4px #E750C1 }
```

# Background

The CSS property to change the background color of an element to Hex E750C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E750C1 }
```

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

```
.background{ background-color:#E750C1 }
```

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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