

# Converting Colors

Hex(E75CAB)

Have a look what the booklet for  
Hex(E75CAB) contains.

<b>Hex(E75CAB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E75CAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E75CAB
RGB	231, 92, 171
RGB Percent	91%, 36%, 67%
CMY	0.0941, 0.6392, 0.3294
CMYK	0.00, 0.60, 0.26, 0.09
HSL	326°, 74%, 63%
HSV	326°, 60%, 91%
XYZ	44.1328, 27.5835, 41.5262
YIQ	142.5670, 57.4850, 54.0370

# Conversions

## Conversions Part 2

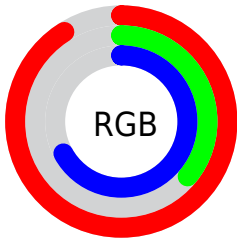
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 92, 171
Decimal	15162539
CIE <sub>Lab</sub>	59.51, 61.70, -14.85
CIE <sub>LCh</sub>	60, 63.463, 346.469
Yxy	27.5835, 0.3897, 0.2436
Android (android.graphics.Color)	4293352619 (0xFFE75CAB)
YUV	142.5670, 14.0175, 77.5557
Hunter-Lab	52.5200, 58.0845, -10.1150

# Details

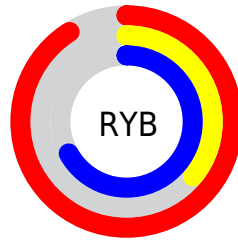
The Hex color **E75CAB** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **5CE798**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF94E2**, and **AC1D77** is the 20% darker color. If you saturate the color by 10%, you get **E745A1**, and if you desaturate by 10%, it is **E773B5**.

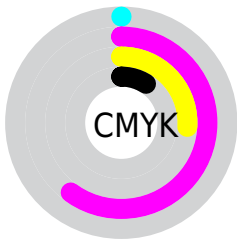
# Distribution



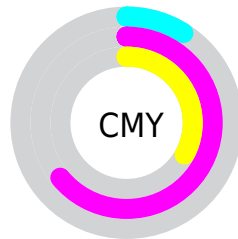
- Red (91%)
- Green (36%)
- Blue (67%)



- Red (91%)
- Yellow (36%)
- Blue (67%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (9%)



- Cyan (9%)
- Magenta (64%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E75CAB 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 E75CAB by changing the saturation by 10% instead.



 E75CAB

 E75CAB

FFFFFF

 C93F90

 FF94E2

 AC1D77

 FFB1FF

 8F005E

 FFCEFF

 730046

 FFE8FF

 570030

 3E001B

 1E0001

 000000

 E75CAB

 E75CAB

 E745A1

 E773B5

 E72E97

 E78ABF

 E7178D

 E7A1C9

 E70083

 E7B8D3

 E7D0DD

 E7E7E7

 E7FEF1

 E7FFFB

 E7FFFF

# Harmonies

## Analogous

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



B972DD



E75CAB



F45973

# Triad

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



E75CAB



8E960D



00A6DF

# Complementary

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



E75CAB



5CE798

# 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.



00A9AD



E75CAB



4BA23D

# Square

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



E75CAB



C08313



00A873



009DFC

# Rectangle

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



E75CAB



EC6450



00A873



00A8D0



# Sweetspot

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



E75CAB



FFD1EB



965CE7



806373



000000



808080



# Same Dimension

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



E75CAB



FF47B0



E75C68



73676E



B30065



33001D



# Inverse Universe

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



E75CAB



FF47B0



5CE7DB



73676E



B30065



33001D



# Previews

## White Background



This preview shows how the Hex color E75CAB looks on a white background.

## Color Contrast Check

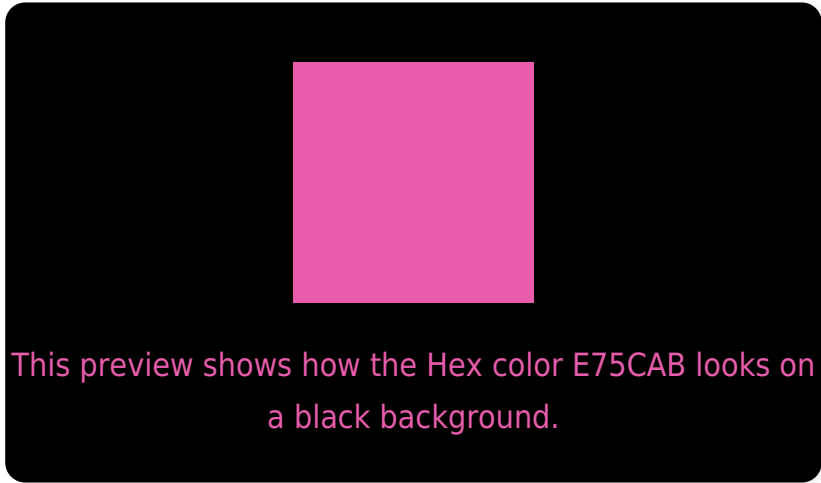
Large Text (above 18pt) WCAG AA ✓ Pass

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 E75CAB Background



This preview shows how black text looks on a background with the Hex color E75CAB.

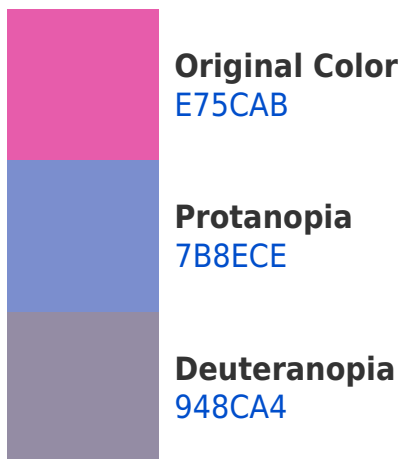



This preview shows how white text looks on a background with the Hex color E75CAB.

# 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**  
E26971

# Trichromacy



**Original Color**  
E75CAB



**Protanomaly**  
A27CC1



**Deuteranomaly**  
B27BA7

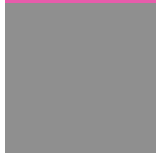


**Tritanomaly**  
E46486

# Monochromacy



**Original Color**  
E75CAB



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
AF7C99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E75CAB 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 #E75CAB looks like.

```
.text, #text, p{  
    color:#E75CAB  
}
```

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 #E75CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E75CAB
}
```

## Border

The CSS property to change the border of an element to Hex E75CAB 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
#E75CAB }
```

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

```
.border{ border-color:#E75CAB }
```

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

Here you see how a box with a 4 pixel #E75CAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E75CAB; -webkit-box-shadow:4px 4px  
4px 4px #E75CAB; box-shadow:4px 4px 4px  
4px #E75CAB }
```

# Background

The CSS property to change the background color of an element to Hex E75CAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E75CAB }
```

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

```
.background{ background-color:#E75CAB }
```

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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