

# Converting Colors

Hex(E75CBC)

Have a look what the booklet for  
Hex(E75CBC) contains.

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# Color

Hex(E75CBC)

# Conversions

## Conversions Part 1

Format	Color
Hex	E75CBC
RGB	231, 92, 188
RGB Percent	91%, 36%, 74%
CMY	0.0941, 0.6392, 0.2627
CMYK	0.00, 0.60, 0.19, 0.09
HSL	319°, 74%, 63%
HSV	319°, 60%, 91%
XYZ	45.8592, 28.2741, 50.6173
YIQ	144.5050, 52.0280, 59.3240

# Conversions

## Conversions Part 2

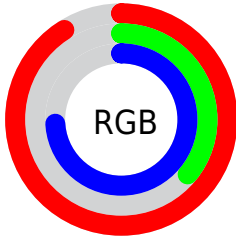
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	231, 92, 188
Decimal	15162556
CIE Lab	60.14, 63.99, -23.66
CIE LCh	60, 68.228, 339.705
Yxy	28.2741, 0.3676, 0.2266
Android (android.graphics.Color)	4293352636 (0xFFE75CBC)
YUV	144.5050, 21.4430, 75.8561
Hunter-Lab	53.1734, 60.8936, -19.2186

# Details

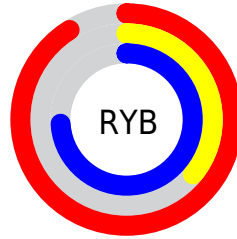
The Hex color **E75CBC** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **5CE787**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF95F4**, and **AC1C87** is the 20% darker color. If you saturate the color by 10%, you get **E745B5**, and if you desaturate by 10%, it is **E773C3**.

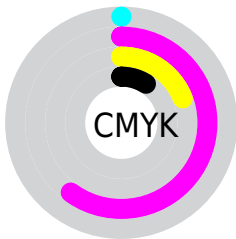
# Distribution



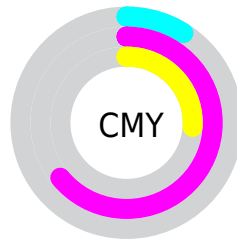
- Red (91%)
- Green (36%)
- Blue (74%)



- Red (91%)
- Yellow (36%)
- Blue (74%)



- Cyan (0%)
- Magenta (60%)
- Yellow (19%)
- Black (9%)



- Cyan (9%)
- Magenta (64%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E75CBC 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 E75CBC by changing the saturation by 10% instead.



 E75CBC

 E75CBC

FFFFFF

 C93FA1

 FF95F4

 AC1C87

 FFB1FF

 8F006D

 FFCEFF

 730054

 FFECFF

 57003D

 3F0027

 200010

 000000

 E75CBC

 E75CBC

 E745B5

 E773C3

 E72EAE

 E78ACA

 E717A7

 E7A1D1

 E700A0

 E7B8D9

 E7D0E0

 E7E7E7

 E7FEEE

 E7FFF5

 E7FFFC

# Harmonies

## Analogous

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



AC78EE



E75CBC



FC5280

# Triad

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



E75CBC



9B9400



00ABDD

# Complementary

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



E75CBC



5CE787

# 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.



00ADA3



E75CBC



59A229

# Square

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



E75CBC



CE7F0E



00AA65



00A3FF

# Rectangle

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



E75CBC



F85C59



00AA65



00ACCB



# Sweetspot

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



E75CBC



FFD1F1



865CE7



806377



000000



808080



# Same Dimension

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



E75CBC



FF47C6



E75C78



73676F



B3007B



330023



# Inverse Universe

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



E75CBC



FF47C6



5CE7CB



73676F



B3007B



330023



# Previews

## White Background



This preview shows how the Hex color E75CBC looks on a white background.

## Color Contrast Check

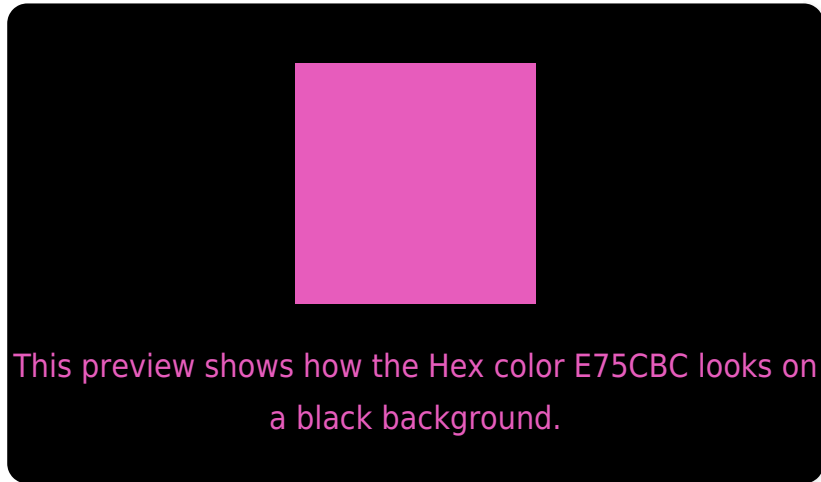
Large Text (above 18pt) WCAG AA ✓ Pass

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 E75CBC Background



This preview shows how black text looks on a background with the Hex color E75CBC.




This preview shows how white text looks on a background with the Hex color E75CBC.

# 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**  
E06D75

# Trichromacy



**Original Color**  
E75CBC



**Protanomaly**  
9D7CD5



**Deuteranomaly**  
AE7CB7



**Tritanomaly**  
E3678F

# Monochromacy



**Original Color**  
E75CBC



**Achromatopsia**  
919191



**Achromatomaly**  
B07EA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E75CBC 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 #E75CBC looks like.

```
.text, #text, p{  
    color:#E75CBC  
}
```

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 #E75CBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E75CBC
}
```

## Border

The CSS property to change the border of an element to Hex E75CBC 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
#E75CBC }
```

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

```
.border{ border-color:#E75CBC }
```

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

Here you see how a box with a 4 pixel #E75CBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E75CBC; -webkit-box-shadow:4px 4px  
4px 4px #E75CBC; box-shadow:4px 4px 4px  
4px #E75CBC }
```

# Background

The CSS property to change the background color of an element to Hex E75CBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E75CBC }
```

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

```
.background{ background-color:#E75CBC }
```

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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