

# Converting Colors

Hex(E75989)

Have a look what the booklet for  
Hex(E75989) contains.

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**Color**

**Hex(E75989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E75989
RGB	231, 89, 137
RGB Percent	91%, 35%, 54%
CMY	0.0941, 0.6510, 0.4627
CMYK	0.00, 0.61, 0.41, 0.09
HSL	340°, 75%, 63%
HSV	340°, 61%, 91%
XYZ	41.0427, 25.9398, 26.5106
YIQ	136.9300, 69.2240, 45.0320

# Conversions

## Conversions Part 2

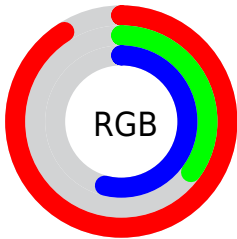
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 89, 137
Decimal	15161737
CIE Lab	57.98, 59.04, 2.66
CIE LCh	58, 59.104, 2.584
Yxy	25.9398, 0.4390, 0.2775
Android (android.graphics.Color)	4293351817 (0xFFE75989)
YUV	136.9300, 0.0345, 82.4994
Hunter-Lab	50.9312, 54.7142, 4.7903

# Details

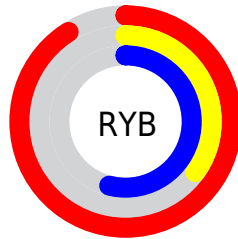
The Hex color **E75989** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **59E7B7**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF91BE**, and **AB1A57** is the 20% darker color. If you saturate the color by 10%, you get **E7427A**, and if you desaturate by 10%, it is **E77098**.

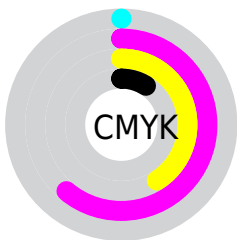
# Distribution



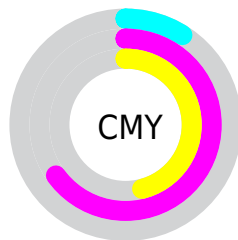
- Red (91%)
- Green (35%)
- Blue (54%)



- Red (91%)
- Yellow (35%)
- Blue (54%)



- Cyan (0%)
- Magenta (61%)
- Yellow (41%)
- Black (9%)



- Cyan (9%)
- Magenta (65%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E75989 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 E75989 by changing the saturation by 10% instead.



 E75989

 E75989

FFFFFF

 C93C70

 FF91BE

 AB1A57

 FFAEDA

 8D0040

 FFCAF6

 70002B

 FFE8FF

 540016

 3A0002

 110000

 000000

 E75989

 E75989

 E7427A

 E77098

 E72B6A

 E787A8

 E7145B

 E79EB7

 E7004E

 E7B5C6

 E7CCD5

 E7E4E5

 E7FBF4

 E7FFFF

# Harmonies

## Analogous

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



CD65BC



E75989



E46257

# Triad

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



E75989



6D982C



009DE7

# Complementary

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



E75989



59E7B7

# 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.



00A3C2



E75989



00A059

# Square

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



E75989



A18A13



00A48E



0090F3

# Rectangle

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



E75989



D57039



00A48E



00A0DD



# Sweetspot

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



E75989



FFD1E1



B559E7



80636D



000000



808080



# Same Dimension

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



E75989



FF4282



E76E59



73676B



B3003C



330011



# Inverse Universe

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



E75989



FF4282



59D2E7



73676B



B3003C



330011



# Previews

## White Background



This preview shows how the Hex color E75989 looks on a white background.

## Color Contrast Check

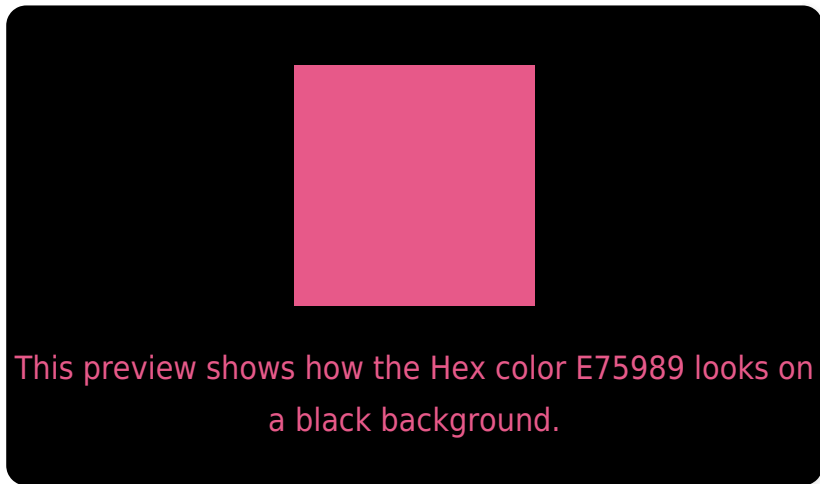
Large Text (above 18pt) WCAG AA ✓ Pass

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 E75989 Background



This preview shows how black text looks on a background with the Hex color E75989.




This preview shows how white text looks on a background with the Hex color E75989.

# 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**  
E56066

# Trichromacy



**Original Color**  
E75989



**Protanomaly**  
A9799C



**Deuteranomaly**  
B87685

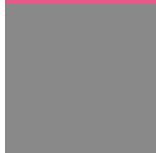


**Tritanomaly**  
E65D73

# Monochromacy



**Original Color**  
E75989



**Achromatopsia**  
898989



**Achromatomaly**  
AB7889

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E75989 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 #E75989 looks like.

```
.text, #text, p{  
    color:#E75989  
}
```

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 #E75989 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E75989
}
```

## Border

The CSS property to change the border of an element to Hex E75989 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
#E75989 }
```

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

```
.border{ border-color:#E75989 }
```

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

Here you see how a box with a 4 pixel #E75989 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E75989; -webkit-box-shadow:4px 4px  
4px 4px #E75989; box-shadow:4px 4px 4px  
4px #E75989 }
```

# Background

The CSS property to change the background color of an element to Hex E75989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E75989 }
```

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

```
.background{ background-color:#E75989 }
```

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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