

# Converting Colors

Hex(E76AA7)

Have a look what the booklet for  
Hex(E76AA7) contains.

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# **Color**

**Hex(E76AA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E76AA7
RGB	231, 106, 167
RGB Percent	91%, 42%, 65%
CMY	0.0941, 0.5843, 0.3451
CMYK	0.00, 0.54, 0.28, 0.09
HSL	331°, 72%, 66%
HSV	331°, 54%, 91%
XYZ	45.0841, 30.0870, 39.9904
YIQ	150.3290, 54.9190, 45.4710

# Conversions

## Conversions Part 2

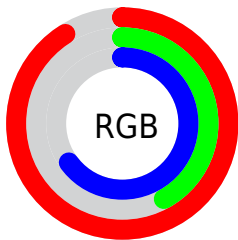
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 106, 167
Decimal	15166119
CIE <sub>Lab</sub>	61.73, 54.90, -9.21
CIE <sub>LCh</sub>	62, 55.668, 350.475
Yxy	30.0870, 0.3915, 0.2613
Android (android.graphics.Color)	4293356199 (0xFFE76AA7)
YUV	150.3290, 8.2188, 70.7485
Hunter-Lab	54.8516, 50.7238, -4.8301

# Details

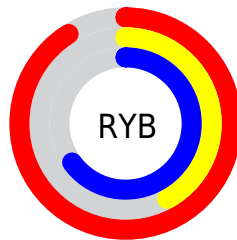
The Hex color **E76AA7** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6AE7AA**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFA1DE**, and **AC3273** is the 20% darker color. If you saturate the color by 10%, you get **E7539B**, and if you desaturate by 10%, it is **E781B3**.

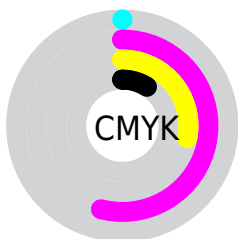
# Distribution



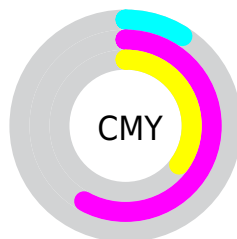
- Red (91%)
- Green (42%)
- Blue (65%)



- Red (91%)
- Yellow (42%)
- Blue (65%)



- Cyan (0%)
- Magenta (54%)
- Yellow (28%)
- Black (9%)



- Cyan (9%)
- Magenta (58%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E76AA7 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 E76AA7 by changing the saturation by 10% instead.



 E76AA7

 E76AA7

FFFFFF

 C94F8D

 FFA1DE

 AC3273

 FFBEFB

 900E5B

 FFDAFF

 730043

 FFF8FF

 58002D

 3E0019

 210001

 000000

 E76AA7

 E76AA7

 E7539B

 E781B3

 E73C8F

 E798BF

 E72584

 E7AFCA

 E70E78

 E7C6D6

 E70071

 E7DEE2

 E7F5EE

 E7FFFA

 E7FFFF

# Harmonies

## Analogous

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



C27AD4



E76AA7



EF6A75

# Triad

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



E76AA7



8F9D31



00A9E0

# Complementary

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



E76AA7



6AE7AA

# 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.



00ADB6



E76AA7



53A753

# Square

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



E76AA7



BD8D2E



00AC83



009FF6

# Rectangle

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



E76AA7



E77457



00AC83



00ABD4



# Sweetspot

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



E76AA7



FFD6EA



A96AE7



806773



000000



808080



# Same Dimension

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



E76AA7



FF59AA



E76A6A



73676D



B30057



330019



# Inverse Universe

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



E76AA7



FF59AA



6AE7E7



73676D



B30057



330019



# Previews

## White Background



This preview shows how the Hex color E76AA7 looks on a white background.

## Color Contrast Check

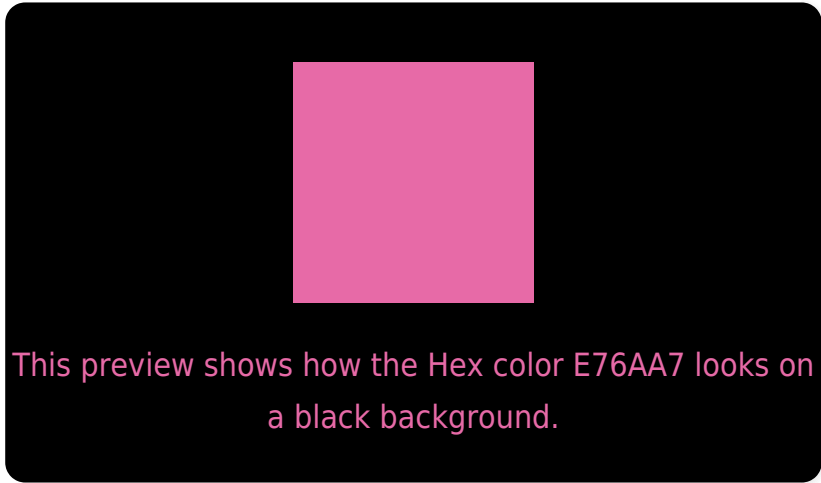
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex E76AA7 Background



This preview shows how black text looks on a background with the Hex color E76AA7.

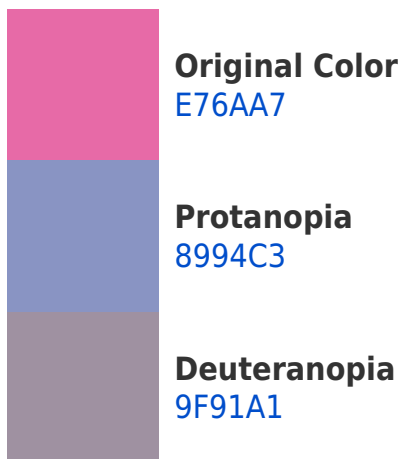


This preview shows how white text looks on a background with the Hex color E76AA7.

# 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**  
E3737B

# Trichromacy



**Original Color**  
E76AA7



**Protanomaly**  
AB85B9



**Deuteranomaly**  
B983A3

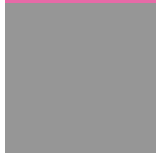


**Tritanomaly**  
E4708B

# Monochromacy



**Original Color**  
E76AA7



**Achromatopsia**  
969696



**Achromatomaly**  
B3869C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E76AA7 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 #E76AA7 looks like.

```
.text, #text, p{  
    color:#E76AA7  
}
```

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 #E76AA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E76AA7
}
```

## Border

The CSS property to change the border of an element to Hex E76AA7 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
#E76AA7 }
```

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

```
.border{ border-color:#E76AA7 }
```

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

Here you see how a box with a 4 pixel #E76AA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E76AA7; -webkit-box-shadow:4px 4px  
4px 4px #E76AA7; box-shadow:4px 4px 4px  
4px #E76AA7 }
```

# Background

The CSS property to change the background color of an element to Hex E76AA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E76AA7 }
```

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

```
.background{ background-color:#E76AA7 }
```

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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