

# Converting Colors

Hex(E77EC1)

Have a look what the booklet for  
Hex(E77EC1) contains.

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# **Color**

**Hex(E77EC1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E77EC1
RGB	231, 126, 193
RGB Percent	91%, 49%, 76%
CMY	0.0941, 0.5059, 0.2431
CMYK	0.00, 0.45, 0.16, 0.09
HSL	322°, 69%, 70%
HSV	322°, 45%, 91%
XYZ	50.0415, 35.7609, 54.7171
YIQ	165.0330, 41.0730, 43.0970

# Conversions

## Conversions Part 2

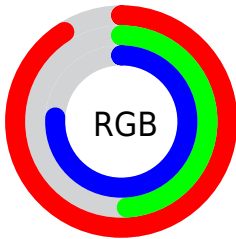
Format	Color
R <sub>Y</sub> B	231, 126, 193
Decimal	15171265
CIE Lab	66.34, 48.84, -17.05
CIE LCh	66, 51.729, 340.758
Yxy	35.7609, 0.3561, 0.2545
Android (android.graphics.Color)	4293361345 (0xFFE77EC1)
YUV	165.0330, 13.7877, 57.8531
Hunter-Lab	59.8004, 44.7196, -12.3898

# Details

The Hex color **E77EC1** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **7EE7A4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB5FA**, and **AD498B** is the 20% darker color. If you saturate the color by 10%, you get **E767B9**, and if you desaturate by 10%, it is **E795C9**.

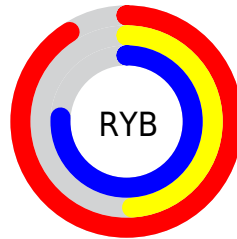
# Distribution



Red (91%)

Green (49%)

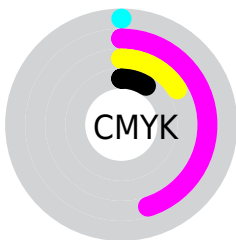
Blue (76%)



Red (91%)

Yellow (49%)

Blue (76%)

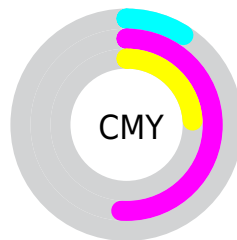


Cyan (0%)

Magenta (45%)

Yellow (16%)

Black (9%)



Cyan (9%)

Magenta (51%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E77EC1 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 E77EC1 by changing the saturation by 10% instead.



 E77EC1

 E77EC1

FFFFFF

 CA63A6

 FFB5FA

 AD498B

 FFD1FF

 912E72

 FFE EFF

 760D59

 5B0042

 41002B

 290017

 000000

 E77EC1

 E77EC1

 E767B9

 E795C9

 E750B0

 E7ACD2

 E739A8

 E7C3DA

 E722A0

 E7DAE2

 E70A97

 E7F2EB

 E70093

 E7FFF3

 E7FFFC

 E7FFFF

# Harmonies

## Analogous

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



BA8EE8



E77EC1



F87992

# Triad

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



E77EC1



ACA441



00B6DD

# Complementary

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



E77EC1



7EE7A4

# 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.



00B9B1



E77EC1



79B058

# Square

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



E77EC1



D59448



2BB681



00AEF8

# Rectangle

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



E77EC1



F57E74



2BB681



00B8CF



# Sweetspot

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



E77EC1



FFDBF2



A37EE7



806A78



000000



808080



# Same Dimension

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



E77EC1



FF73CC



E77E8E



73676F



B30072



330021



# Inverse Universe

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



E77EC1



FF73CC



7EE7D7



73676F



B30072

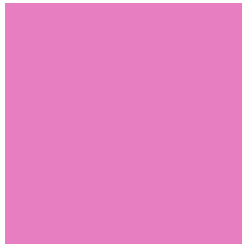


330021



# Previews

## White Background



This preview shows how the Hex color E77EC1 looks on a white background.

## Color Contrast Check

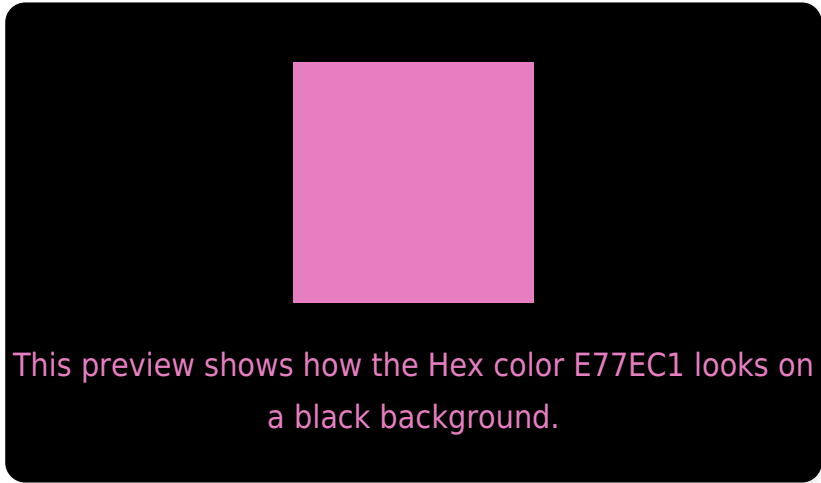
Large Text (above 18pt) WCAG AA × Fail

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 E77EC1 Background



This preview shows how black text looks on a background with the Hex color E77EC1.



This preview shows how white text looks on a background with the Hex color E77EC1.

# 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**  
E28892

# Trichromacy



**Original Color**  
E77EC1



**Protanomaly**  
B194D0



**Deuteranomaly**  
BD92BE

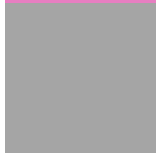


**Tritanomaly**  
E484A3

# Monochromacy



**Original Color**  
E77EC1



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
BD97AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E77EC1 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 #E77EC1 looks like.

```
.text, #text, p{  
    color:#E77EC1  
}
```

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 #E77EC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E77EC1
}
```

## Border

The CSS property to change the border of an element to Hex E77EC1 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
#E77EC1 }
```

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

```
.border{ border-color:#E77EC1 }
```

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

Here you see how a box with a 4 pixel #E77EC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E77EC1; -webkit-box-shadow:4px 4px  
4px 4px #E77EC1; box-shadow:4px 4px 4px  
4px #E77EC1 }
```

# Background

The CSS property to change the background color of an element to Hex E77EC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E77EC1 }
```

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

```
.background{ background-color:#E77EC1 }
```

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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