

# Converting Colors

Hex(EF77C0)

Have a look what the booklet for  
Hex(EF77C0) contains.

<b>Hex(EF77C0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(EF77C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE77C0
RGB	238, 119, 192
RGB Percent	93%, 47%, 75%
CMY	0.0667, 0.5333, 0.2471
CMYK	0.00, 0.50, 0.19, 0.07
HSL	323°, 78%, 70%
HSV	323°, 50%, 93%
XYZ	51.3711, 35.1766, 53.9514
YIQ	162.9030, 47.4910, 47.9310

# Conversions

## Conversions Part 2

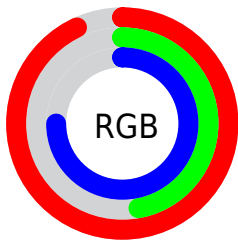
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 119, 192
Decimal	15628224
CIE Lab	65.89, 54.33, -17.08
CIE LCh	66, 56.949, 342.548
Yxy	35.1766, 0.3656, 0.2504
Android (android.graphics.Color)	4293818304 (0xFFEE77C0)
YUV	162.9030, 14.3448, 65.8601
Hunter-Lab	59.3098, 50.8154, -12.4164

# Details

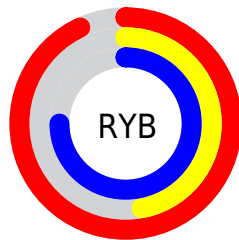
The Hex color **EE77C0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77EEA5**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFAFF8**, and **B3408A** is the 20% darker color. If you saturate the color by 10%, you get **EE5FB7**, and if you desaturate by 10%, it is **EE8FC9**.

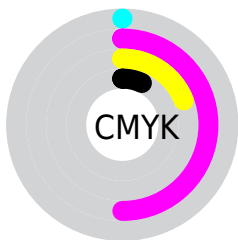
# Distribution



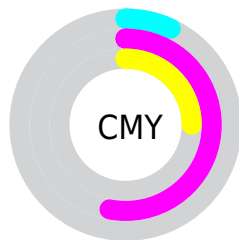
- Red (93%)
- Green (47%)
- Blue (75%)



- Red (93%)
- Yellow (47%)
- Blue (75%)



- Cyan (0%)
- Magenta (50%)
- Yellow (19%)
- Black (7%)



- Cyan (7%)
- Magenta (53%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE77C0 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 EE77C0 by changing the saturation by 10% instead.



 EE77C0

 EE77C0

FFFFFF

 D05CA5

 FFAFF8

 B3408A

 FFCBFF

 972371

 FFE8FF

 7B0058

 600041

 45002B

 2C0016

 000000

 EE77C0

 EE77C0

EE5FB7

EE8FC9

EE47AE

EEA7D2

EE30A4

EEBEDC

EE189B

EED6E5

EE0092

EEEEEE

EEFFF7

EEFFFF

# Harmonies

## Analogous

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



BF8AEC



EE77C0



FE728D

# Triad

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



EE77C0



A8A435



00B7E4

# Complementary

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



EE77C0



77EEA5

# 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.



00B9B5



EE77C0



6FB051

# Square

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



EE77C0



D5933B



00B780



00AEFF

# Rectangle

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



EE77C0



FA796C



00B780



00B8D6



# Sweetspot

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



EE77C0



FFD9F0



A577EE



806977



000000



808080



# Same Dimension

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



EE77C0



FF66C4



EE7785



786C73



B80071



380022



# Inverse Universe

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



EE77C0



FF66C4



77EEE0



786C73



B80071



380022



# Previews

## White Background



This preview shows how the Hex color EE77C0 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 EE77C0 Background



This preview shows how black text looks on a background with the Hex color EE77C0.

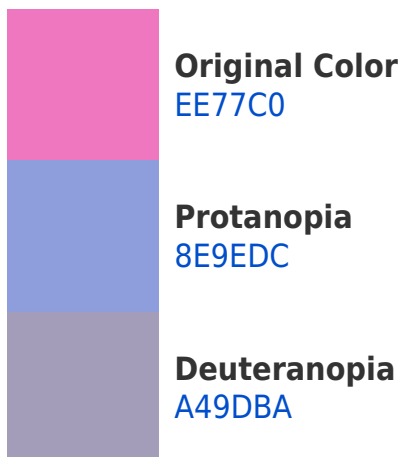



This preview shows how white text looks on a background with the Hex color EE77C0.

# 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**  
E9828C

# Trichromacy



**Original Color**  
EE77C0



**Protanomaly**  
B190D2



**Deuteranomaly**  
BF8FBC

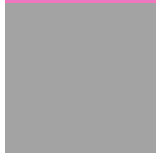


**Tritanomaly**  
EB7E9F

# Monochromacy



**Original Color**  
EE77C0



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
BE93AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE77C0 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 #EE77C0 looks like.

```
.text, #text, p{  
    color:#EE77C0  
}
```

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 #EE77C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE77C0
}
```

## Border

The CSS property to change the border of an element to Hex EE77C0 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
#EE77C0 }
```

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

```
.border{ border-color:#EE77C0 }
```

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

Here you see how a box with a 4 pixel #EE77C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE77C0; -webkit-box-shadow:4px 4px  
4px 4px #EE77C0; box-shadow:4px 4px 4px  
4px #EE77C0 }
```

# Background

The CSS property to change the background color of an element to Hex EE77C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE77C0 }
```

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

```
.background{ background-color:#EE77C0 }
```

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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