

# Converting Colors

Hex(EC7EAA)

Have a look what the booklet for  
Hex(EC7EAA) contains.

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# Color

Hex(**EC7EAA**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EC7EAA
RGB	236, 126, 170
RGB Percent	93%, 49%, 67%
CMY	0.0745, 0.5059, 0.3333
CMYK	0.00, 0.47, 0.28, 0.07
HSL	336°, 74%, 71%
HSV	336°, 47%, 93%
XYZ	49.3086, 35.6569, 42.3138
YIQ	163.9060, 51.4360, 37.0040

# Conversions

## Conversions Part 2

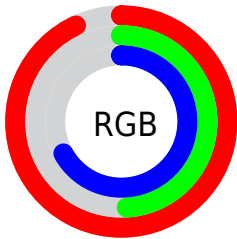
Format	Color
R <sub>Y</sub> B	236, 126, 170
Decimal	15498922
CIE Lab	66.26, 47.20, -4.13
CIE LCh	66, 47.383, 355.002
Yxy	35.6569, 0.3874, 0.2801
Android (android.graphics.Color)	4293689002 (0xFFEC7EAA)
YUV	163.9060, 3.0043, 63.2264
Hunter-Lab	59.7134, 42.8989, -0.2145

# Details

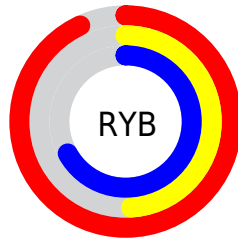
The Hex color **EC7EAA** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7EECC0**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFB5E1**, and **B24976** is the 20% darker color. If you saturate the color by 10%, you get **EC669C**, and if you desaturate by 10%, it is **EC96B8**.

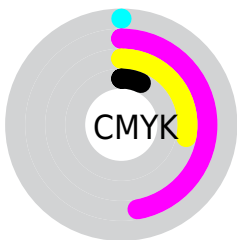
# Distribution



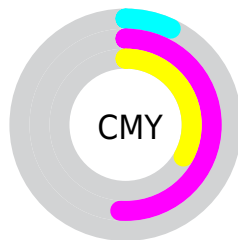
- Red (93%)
- Green (49%)
- Blue (67%)



- Red (93%)
- Yellow (49%)
- Blue (67%)



- Cyan (0%)
- Magenta (47%)
- Yellow (28%)
- Black (7%)



- Cyan (7%)
- Magenta (51%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC7EAA 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 EC7EAA by changing the saturation by 10% instead.



 EC7EAA

 EC7EAA

FFFFFF

 CE6390

 FFB5E1

 B24976

 FFD1FE

 952E5D

 FFE0FF

 790E46

 5E0030

 43001B

 2B0001

 000000

 EC7EAA

 EC7EAA

 EC669C

 EC96B8

 EC4F8E

 ECADC6

 EC3780

 ECC5D4

 EC2071

 ECDCE3

 EC0863

 ECF4F1

 EC005E

 ECFFFF

# Harmonies

## Analogous

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



CF88D2



EC7EAA



F1807F

# Triad

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



EC7EAA



97A951



00B2E6

# Complementary

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



EC7EAA



7EECC0

# 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.



00B6C4



EC7EAA



63B26E

# Square

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



EC7EAA



C19C4A



00B698



42A8F5

# Rectangle

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



EC7EAA



E88867



00B698



00B4DC



# Sweetspot

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



EC7EAA



FFDBEA



C07EEC



806A72



000000



808080



# Same Dimension

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



EC7EAA



FF70A9



EC897E



756A6E



B50048



360015



# Inverse Universe

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



EC7EAA



FF70A9



7EE1EC



756A6E



B50048



360015



# Previews

## White Background



This preview shows how the Hex color EC7EAA looks on a white background.

## Color Contrast Check

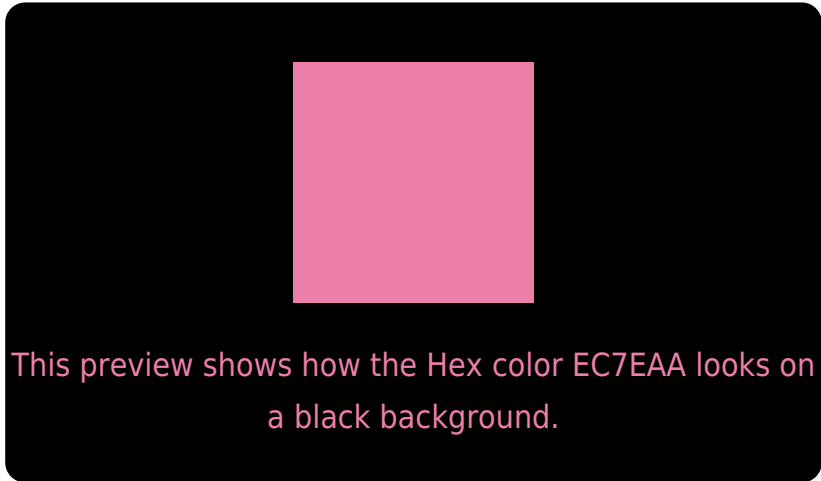
Large Text (above 18pt) WCAG AA × Fail

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 EC7EAA Background



This preview shows how black text looks on a background with the Hex color EC7EAA.




This preview shows how white text looks on a background with the Hex color EC7EAA.

# 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**  
E9838D

# Trichromacy



**Original Color**  
EC7EAA



**Protanomaly**  
B894B7



**Deuteranomaly**  
C691A7



**Tritanomaly**  
EA8198

# Monochromacy



**Original Color**  
EC7EAA



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
BE96A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC7EAA 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 #EC7EAA looks like.

```
.text, #text, p{  
    color:#EC7EAA  
}
```

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 #EC7EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC7EAA
}
```

## Border

The CSS property to change the border of an element to Hex EC7EAA 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
#EC7EAA }
```

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

```
.border{ border-color:#EC7EAA }
```

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

Here you see how a box with a 4 pixel #EC7EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC7EAA; -webkit-box-shadow:4px 4px  
4px 4px #EC7EAA; box-shadow:4px 4px 4px  
4px #EC7EAA }
```

# Background

The CSS property to change the background color of an element to Hex EC7EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC7EAA }
```

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

```
.background{ background-color:#EC7EAA }
```

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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