

# Converting Colors

Hex(E57F8F)

Have a look what the booklet for  
Hex(E57F8F) contains.

<b>Hex(E57F8F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E57F8F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E57F8F
RGB	229, 127, 143
RGB Percent	90%, 50%, 56%
CMY	0.1020, 0.5020, 0.4392
CMYK	0.00, 0.45, 0.38, 0.10
HSL	351°, 66%, 70%
HSV	351°, 45%, 90%
XYZ	44.8604, 33.8199, 30.1501
YIQ	159.3220, 55.6560, 26.6000

# Conversions

## Conversions Part 2

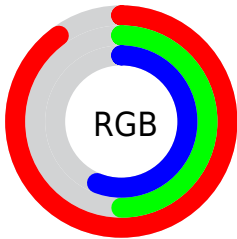
Format	Color
R <sub>Y</sub> B	229, 127, 143
Decimal	15040399
CIE Lab	64.82, 40.94, 8.99
CIE LCh	65, 41.910, 12.380
Yxy	33.8199, 0.4122, 0.3108
Android (android.graphics.Color)	4293230479 (0xFFE57F8F)
YUV	159.3220, -8.0467, 61.1076
Hunter-Lab	58.1549, 35.9229, 9.9699

# Details

The Hex color **E57F8F** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7FE5D5**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB5C5**, and **AB4B5D** is the 20% darker color. If you saturate the color by 10%, you get **E5687C**, and if you desaturate by 10%, it is **E596A2**.

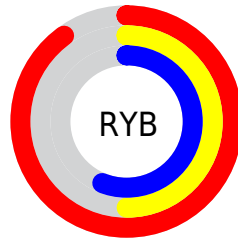
# Distribution



Red (90%)

Green (50%)

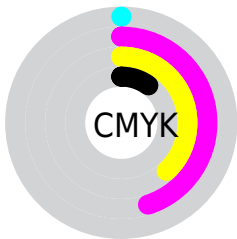
Blue (56%)



Red (90%)

Yellow (50%)

Blue (56%)

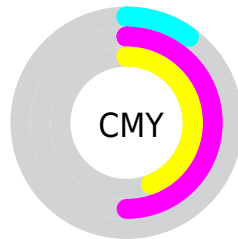


Cyan (0%)

Magenta (45%)

Yellow (38%)

Black (10%)



Cyan (10%)

Magenta (50%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E57F8F 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 E57F8F by changing the saturation by 10% instead.



 E57F8F

 E57F8F

FFFFFF

 C76575

 FFB5C5

 AB4B5D

 FFD2E1

 8E3145

 FFEEDD

 72162F

 57001B

 3D0000

 200001

 000000

 E57F8F

 E57F8F

 E5687C

 E596A2

 E55168

 E5ADB6

 E53A55

 E5C4C9

 E52342

 E5DBDC

 E50C2E

 E5F2F0

 E50024

 E5FFFF

# Harmonies

## Analogous

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



D882B5



E57F8F



DE866C

# Triad

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



E57F8F



7CAA64



28A7E4

# Complementary

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



E57F8F



7FE5D5

# 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.



00AECF



E57F8F



48AF85

# Square

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



E57F8F



A5A052



00B1AC



7E9CE6

# Rectangle

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



E57F8F



D08F5B



00B1AC



00AADF



# Sweetspot

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



E57F8F



FFDEE3



D47FE5



806B6E



000000



808080



# Same Dimension

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



E57F8F



FF788D



E5A17F



736769



B3001C



330008



# Inverse Universe

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



E57F8F



FF788D



7FC3E5



736769



B3001C



330008



# Previews

## White Background



This preview shows how the Hex color E57F8F looks on a white background.

## Color Contrast Check

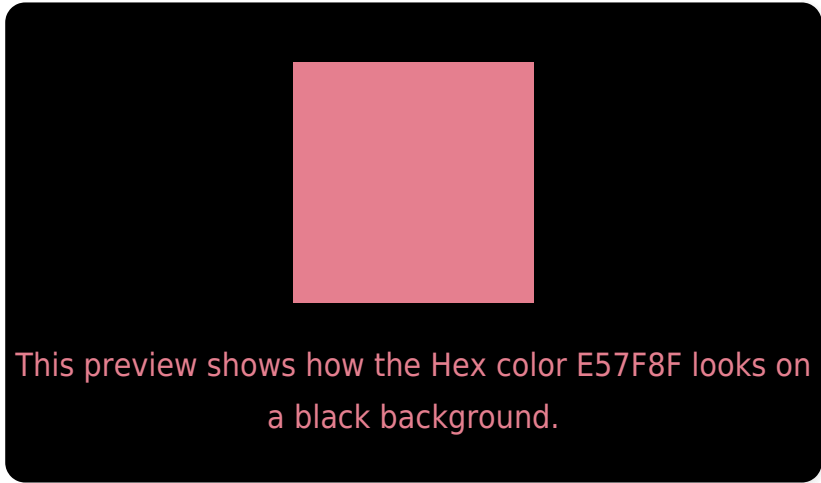
Large Text (above 18pt) WCAG AA × Fail

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 E57F8F Background



This preview shows how black text looks on a background with the Hex color E57F8F.

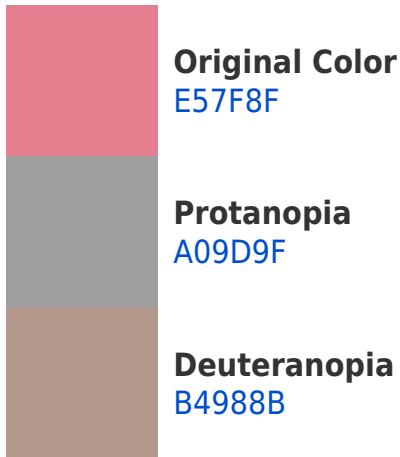


This preview shows how white text looks on a background with the Hex color E57F8F.

# 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**  
E58089

# Trichromacy



**Original Color**  
E57F8F



**Protanomaly**  
B99299



**Deuteranomaly**  
C68F8C



**Tritanomaly**  
E5808B

# Monochromacy



**Original Color**  
E57F8F



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
B89399

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E57F8F 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 #E57F8F looks like.

```
.text, #text, p{  
    color:#E57F8F  
}
```

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 #E57F8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E57F8F
}
```

## Border

The CSS property to change the border of an element to Hex E57F8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

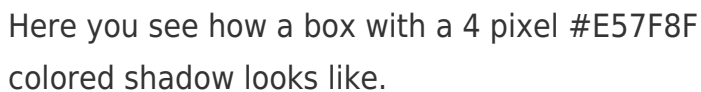
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E57F8F }
```

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

```
.border{ border-color:#E57F8F }
```

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



Here you see how a box with a 4 pixel `#E57F8F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E57F8F; -webkit-box-shadow:4px 4px  
4px 4px #E57F8F; box-shadow:4px 4px 4px  
4px #E57F8F }
```

# Background

The CSS property to change the background color of an element to Hex E57F8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E57F8F }
```

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

```
.background{ background-color:#E57F8F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor