

# Converting Colors

Hex(E67F89)

Have a look what the booklet for  
Hex(E67F89) contains.

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# **Color**

**Hex(E67F89)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E67F89                     |
| RGB         | 230, 127, 137              |
| RGB Percent | 90%, 50%, 54%              |
| CMY         | 0.0980, 0.5020, 0.4627     |
| CMYK        | 0.00, 0.45, 0.40, 0.10     |
| HSL         | 354°, 67%, 70%             |
| HSV         | 354°, 45%, 90%             |
| XYZ         | 44.7379, 33.8079, 27.8345  |
| YIQ         | 158.9370, 58.1780, 24.9460 |

# Conversions

## Conversions Part 2

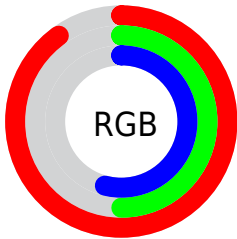
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 230, 127, 137                  |
| Decimal                             | 15105929                       |
| CIE <sub>Lab</sub>                  | 64.81, 40.62, 12.40            |
| CIE <sub>LCh</sub>                  | 65, 42.471, 16.969             |
| Yxy                                 | 33.8079, 0.4205,<br>0.3178     |
| Android<br>(android.graphics.Color) | 4293296009<br>(0xFFE67F89)     |
| YUV                                 | 158.9370, -10.8149,<br>62.3223 |
| Hunter-Lab                          | 58.1445, 35.5894,<br>12.3183   |

# Details

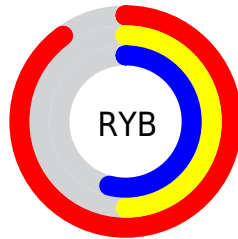
The Hex color **E67F89** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7FE6DC**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB5BE**, and **AB4B57** is the 20% darker color. If you saturate the color by 10%, you get **E66874**, and if you desaturate by 10%, it is **E6969E**.

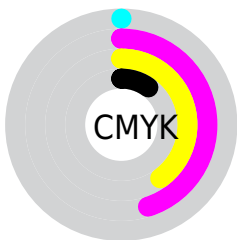
# Distribution



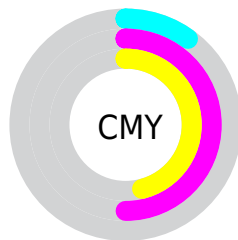
- Red (90%)
- Green (50%)
- Blue (54%)



- Red (90%)
- Yellow (50%)
- Blue (54%)



- Cyan (0%)
- Magenta (45%)
- Yellow (40%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E67F89 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 E67F89 by changing the saturation by 10% instead.



 E67F89

 E67F89

FFFFFF

 C86570

 FF5BE

 AB4B57

 FFD2DA

 8F3140

 FFEEF7

 73162A

 570016

 3D0000

 200001

 000000

 E67F89

 E67F89

 E66874

 E6969E

 E6515F

 E6ADB3

 E63A4B

 E6C4C7

 E62336

 E6DBDC

 E60C21

 E6F2F1

 E60016

 E6FFFF

# Harmonies

## Analogous

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



DC80AF



E67F89



DC8867

# Triad

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



E67F89



74AB68



37A6E7

# Complementary

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



E67F89



7FE6DC

# 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.



00AED4



E67F89



3CB08B

# Square

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



E67F89



9FA252



00B1B2



879AE6

# Rectangle

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



E67F89



CD9158



00B1B2



00A9E2



# Sweetspot

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



E67F89



FFDEE1



DC7FE6



806B6D



000000



808080



# Same Dimension

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



E67F89



FF7583



E6A87F



736768



B30011



330005



# Inverse Universe

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



E67F89



FF7583



7FBDE6



736768



B30011



330005



# Previews

## White Background



This preview shows how the Hex color E67F89 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 E67F89 Background



This preview shows how black text looks on a background with the Hex color E67F89.

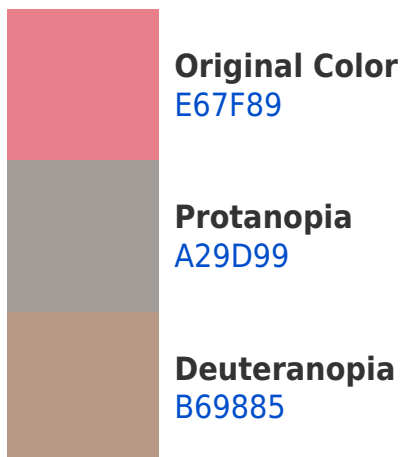


This preview shows how white text looks on a background with the Hex color E67F89.

# 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](#).

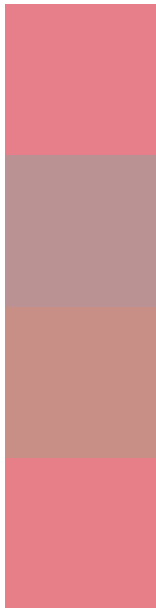
## Dichromacy





**Tritanopia**  
E67F88

# Trichromacy



**Original Color**  
E67F89

**Protanomaly**  
BB9293

**Deuteranomaly**  
C78F86

**Tritanomaly**  
E67F88

# Monochromacy



**Original Color**  
E67F89

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
B99397

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E67F89 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 #E67F89 looks like.

```
.text, #text, p{  
    color:#E67F89  
}
```

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 #E67F89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67F89
}
```

## Border

The CSS property to change the border of an element to Hex E67F89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

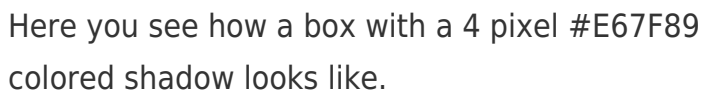
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E67F89 }
```

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

```
.border{ border-color:#E67F89 }
```

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



Here you see how a box with a 4 pixel #E67F89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67F89; -webkit-box-shadow:4px 4px  
4px 4px #E67F89; box-shadow:4px 4px 4px  
4px #E67F89 }
```

# Background

The CSS property to change the background color of an element to Hex E67F89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67F89 }
```

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

```
.background{ background-color:#E67F89 }
```

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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