

# Converting Colors

Hex(E67D86)

Have a look what the booklet for  
Hex(E67D86) contains.

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# **Color**

**Hex(E67D86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E67D86
RGB	230, 125, 134
RGB Percent	90%, 49%, 53%
CMY	0.0980, 0.5098, 0.4745
CMYK	0.00, 0.46, 0.42, 0.10
HSL	355°, 68%, 70%
HSV	355°, 46%, 90%
XYZ	44.2698, 33.2115, 26.6314
YIQ	157.4210, 59.6910, 25.0590

# Conversions

## Conversions Part 2

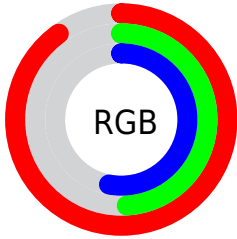
Format	Color
R <sub>Y</sub> B	230, 125, 134
Decimal	15105414
CIE Lab	64.33, 41.32, 13.43
CIE LCh	64, 43.448, 18.001
Yxy	33.2115, 0.4252, 0.3190
Android (android.graphics.Color)	4293295494 (0xFFE67D86)
YUV	157.4210, -11.5466, 63.6518
Hunter-Lab	57.6294, 36.2690, 12.9417

# Details

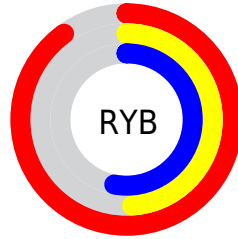
The Hex color **E67D86** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7DE6DD**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB3BB**, and **AB4955** is the 20% darker color. If you saturate the color by 10%, you get **E66671**, and if you desaturate by 10%, it is **E6949B**.

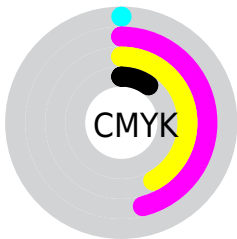
# Distribution



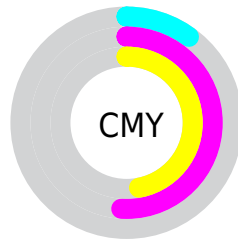
- Red (90%)
- Green (49%)
- Blue (53%)



- Red (90%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (46%)
- Yellow (42%)
- Black (10%)



- Cyan (10%)
- Magenta (51%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E67D86 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 E67D86 by changing the saturation by 10% instead.



 E67D86

 E67D86

FFFFFF

 C8636D

 FFB3BB

 AB4955

 FFD0D7

 8E2F3D

 FFECF3

 721328

 560014

 3C0000

 1F0001

 000000

 E67D86

 E67D86

 E66671

 E6949B

 E64F5C

 E6ABB0

 E63847

 E6C2C5

 E62132

 E6D9DA

 E60A1D

 E6F0EF

 E60014

 E6FFFF

# Harmonies

## Analogous

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



DC7EAD



E67D86



DB8664

# Triad

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



E67D86



70AA66



32A5E7

# Complementary

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



E67D86



7DE6DD

# 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.



00ADD5



E67D86



33AF8B

# Square

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



E67D86



9DA150



00B0B3



8798E6

# Rectangle

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



E67D86



CB9054



00B0B3



00A8E3



# Sweetspot

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



E67D86



FFDBDE



DC7DE6



806A6C



000000



808080



# Same Dimension

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



E67D86



FF737F



E6A77D



736768



B3000F



330004



# Inverse Universe

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



E67D86



FF737F



7DBCE6



736768



B3000F



330004



# Previews

## White Background



This preview shows how the Hex color E67D86 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 E67D86 Background



This preview shows how black text looks on a background with the Hex color E67D86.

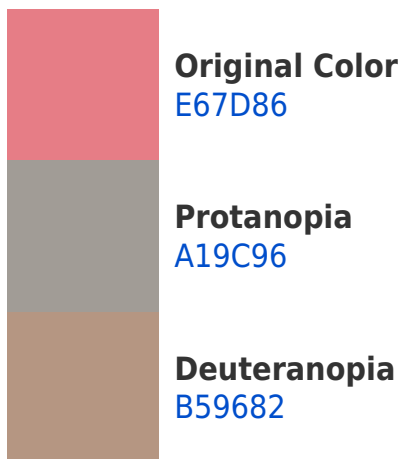


This preview shows how white text looks on a background with the Hex color E67D86.

# 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](#).

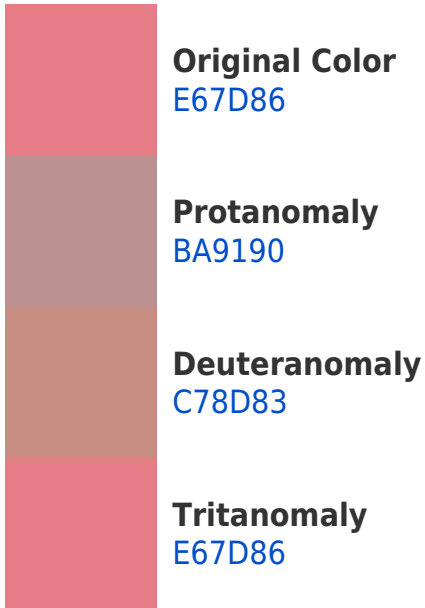
## Dichromacy



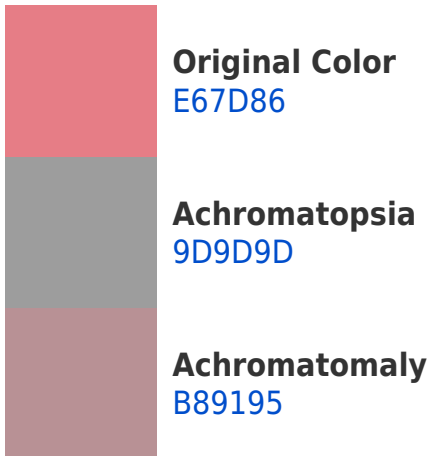


**Tritanopia**  
E67D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E67D86 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 #E67D86 looks like.

```
.text, #text, p{  
    color:#E67D86  
}
```

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 #E67D86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67D86
}
```

## Border

The CSS property to change the border of an element to Hex E67D86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

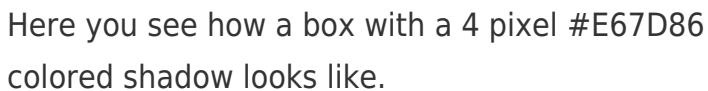
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E67D86 }
```

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

```
.border{ border-color:#E67D86 }
```

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



Here you see how a box with a 4 pixel `#E67D86` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67D86; -webkit-box-shadow:4px 4px  
4px 4px #E67D86; box-shadow:4px 4px 4px  
4px #E67D86 }
```

# Background

The CSS property to change the background color of an element to Hex E67D86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67D86 }
```

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

```
.background{ background-color:#E67D86 }
```

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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