

# Converting Colors

Hex(EA7E87)

Have a look what the booklet for  
Hex(EA7E87) contains.

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# **Color**

**Hex(EA7E87)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA7E87
RGB	234, 126, 135
RGB Percent	92%, 49%, 53%
CMY	0.0824, 0.5059, 0.4706
CMYK	0.00, 0.46, 0.42, 0.08
HSL	355°, 72%, 71%
HSV	355°, 46%, 92%
XYZ	45.7657, 34.1634, 27.1037
YIQ	159.3180, 61.4790, 25.6950

# Conversions

## Conversions Part 2

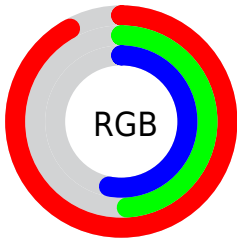
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">234, 126, 135</a>
Decimal	<a href="#">15367815</a>
CIELab	<a href="#">65.09, 42.36, 14.00</a>
CIELCh	<a href="#">65, 44.615, 18.291</a>
Yxy	<a href="#">34.1634, 0.4276, 0.3192</a>
Android (android.graphics.Color)	<a href="#">4293557895</a> ( <a href="#">0xFFEA7E87</a> )
YUV	<a href="#">159.3180, -11.9888, 65.4961</a>
Hunter-Lab	<a href="#">58.4495, 37.4783, 13.4211</a>

# Details

The Hex color **EA7E87** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7EEAE1**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB5BC**, and **AF4A55** is the 20% darker color. If you saturate the color by 10%, you get **EA6772**, and if you desaturate by 10%, it is **EA959C**.

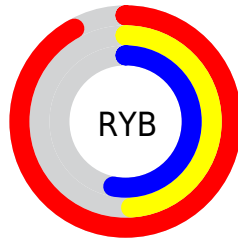
# Distribution



Red (92%)

Green (49%)

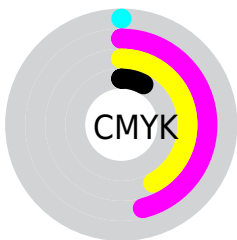
Blue (53%)



Red (92%)

Yellow (49%)

Blue (53%)

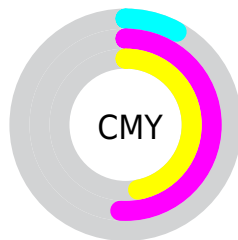


Cyan (0%)

Magenta (46%)

Yellow (42%)

Black (8%)



Cyan (8%)

Magenta (51%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA7E87 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 EA7E87 by changing the saturation by 10% instead.



 EA7E87

 EA7E87

FFFFFF

 CC646E

 FF5BC

 AF4A55

 FFD1D8

 92303E

 FFEEF4

 761329

 5A0015

 3F0000

 230001

 000000

 EA7E87

 EA7E87

 EA6772

 EA959C

 EA4F5C

 EAADB2

 EA3847

 EAC4C7

 EA2031

 EADCDD

 EA091C

 EAF3F2

 EA0013

 EAFFFF

# Harmonies

## Analogous

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



E07FAF



EA7E87



DF8864

# Triad

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



EA7E87



70AD67



2FA7EC

# Complementary

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



EA7E87



7EEAE1

# 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.



00AFD9



EA7E87



2FB28C

# Square

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



EA7E87



9EA350



00B2B6



899AEA

# Rectangle

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



EA7E87



CE9154



00B2B6



00AAE7



# Sweetspot

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



EA7E87



FFDBDE



E17EEA



806A6C



000000



808080



# Same Dimension

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



EA7E87



FF737E



EAAB7E



756A6B



B5000F



360004



# Inverse Universe

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



EA7E87



FF737E



7EBDEA



756A6B



B5000F



360004



# Previews

## White Background



This preview shows how the Hex color EA7E87 looks on a white background.

## Color Contrast Check

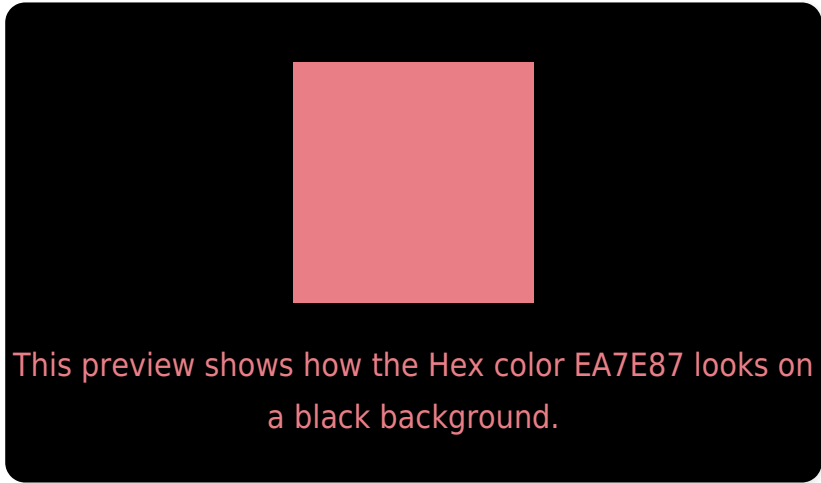
Large Text (above 18pt) WCAG AA × Fail

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 EA7E87 Background



This preview shows how black text looks on a background with the Hex color EA7E87.

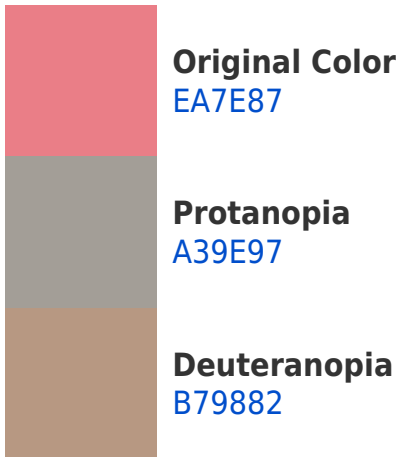


This preview shows how white text looks on a background with the Hex color EA7E87.

# 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](#).

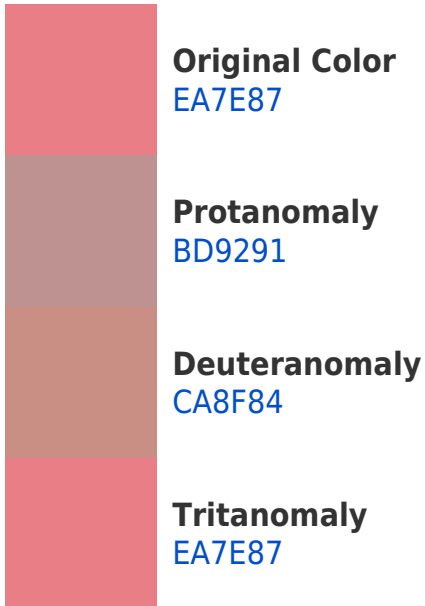
## Dichromacy



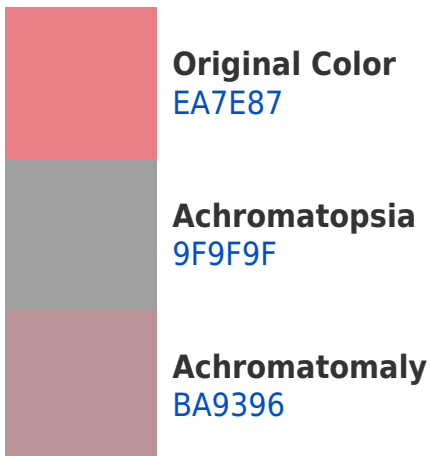


**Tritanopia**  
EA7E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA7E87 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 #EA7E87 looks like.

```
.text, #text, p{  
    color:#EA7E87  
}
```

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 #EA7E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA7E87
}
```

## Border

The CSS property to change the border of an element to Hex EA7E87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

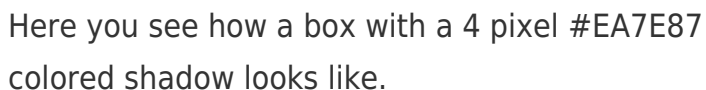
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EA7E87 }
```

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

```
.border{ border-color:#EA7E87 }
```

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



Here you see how a box with a 4 pixel #EA7E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA7E87; -webkit-box-shadow:4px 4px  
4px 4px #EA7E87; box-shadow:4px 4px 4px  
4px #EA7E87 }
```

# Background

The CSS property to change the background color of an element to Hex EA7E87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA7E87 }
```

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

```
.background{ background-color:#EA7E87 }
```

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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