

# Converting Colors

Hex(E37F87)

Have a look what the booklet for  
Hex(E37F87) contains.

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# **Color**

**Hex(E37F87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E37F87
RGB	227, 127, 135
RGB Percent	89%, 50%, 53%
CMY	0.1098, 0.5020, 0.4706
CMYK	0.00, 0.44, 0.41, 0.11
HSL	355°, 64%, 69%
HSV	355°, 44%, 89%
XYZ	43.6411, 33.2589, 27.0411
YIQ	157.8120, 57.0320, 23.6880

# Conversions

## Conversions Part 2

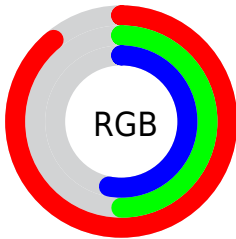
Format	Color
R <sub>Y</sub> B	227, 127, 135
Decimal	14909319
CIE Lab	64.37, 39.31, 12.85
CIE LCh	64, 41.361, 18.107
Yxy	33.2589, 0.4199, 0.3200
Android (android.graphics.Color)	4293099399 (0xFFE37F87)
YUV	157.8120, -11.2463, 60.6779
Hunter-Lab	57.6705, 34.1531, 12.5689

# Details

The Hex color **E37F87** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7FE3DB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB5BC**, and **A84B55** is the 20% darker color. If you saturate the color by 10%, you get **E36872**, and if you desaturate by 10%, it is **E3969C**.

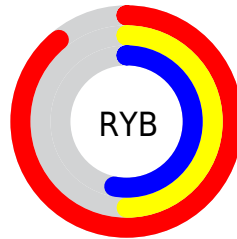
# Distribution



Red (89%)

Green (50%)

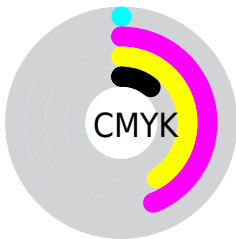
Blue (53%)



Red (89%)

Yellow (50%)

Blue (53%)

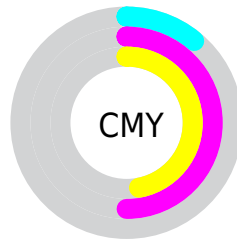


Cyan (0%)

Magenta (44%)

Yellow (41%)

Black (11%)



Cyan (11%)

Magenta (50%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E37F87 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 E37F87 by changing the saturation by 10% instead.



 E37F87

 E37F87

FFFFFF

 C5656E

 FF5BC

 A84B55

 FFD1D8

 8C323E

 FFEEF4

 701729

 550014

 3B0000

 1C0001

 000000

 E37F87

 E37F87

 E36872

 E3969C

 E3525D

 E3ACB1

 E33B48

 E3C3C6

 E32433

 E3DADB

 E30E1F

 E3F1EF

 E30012

 E3FFFF

# Harmonies

## Analogous

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



DA80AC



E37F87



D98867

# Triad

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



E37F87



73AA69



3FA4E4

# Complementary

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



E37F87



7FE3DB

# 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.



00ACD2



E37F87



3CAE8C

# Square

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



E37F87



9DA154



00AFB2



8998E2

# Rectangle

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



E37F87



CA9058



00AFB2



13A7E0



# Sweetspot

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



E37F87



FFDEE1



DB7FE3



806B6D



000000



808080



# Same Dimension

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



E37F87



FF7883



E3A97F



736768



B3000E



330004



# Inverse Universe

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



E37F87



FF7883



7FB9E3



736768



B3000E



330004



# Previews

## White Background



This preview shows how the Hex color E37F87 looks on a white background.

## Color Contrast Check

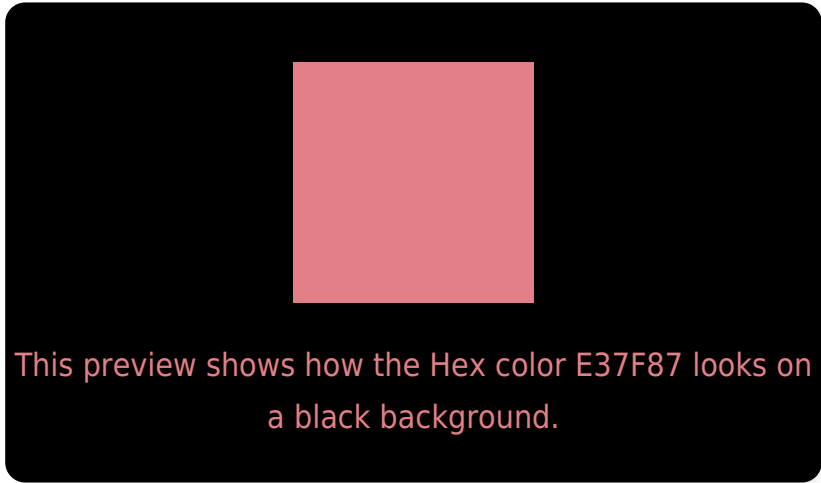
Large Text (above 18pt) WCAG AA × Fail

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 E37F87 Background



This preview shows how black text looks on a background with the Hex color E37F87.

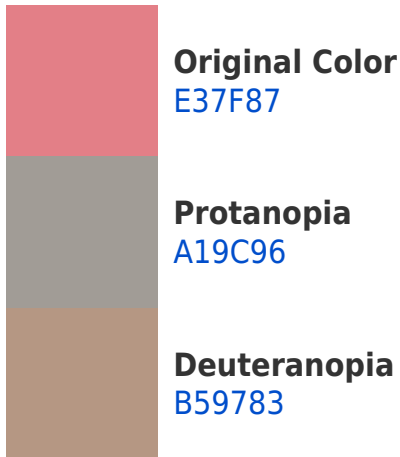


This preview shows how white text looks on a background with the Hex color E37F87.

# 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](#).

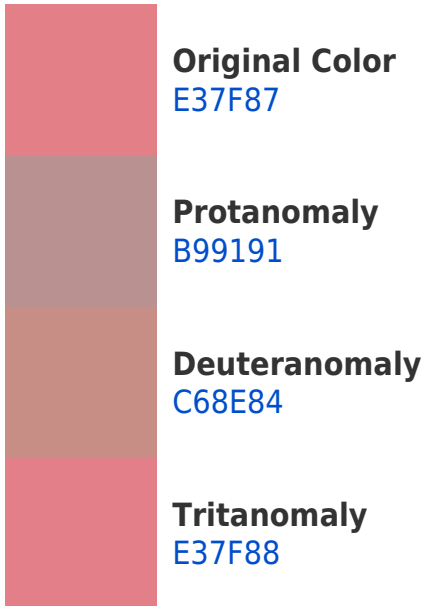
## Dichromacy





**Tritanopia**  
E37F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E37F87 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 #E37F87 looks like.

```
.text, #text, p{  
    color:#E37F87  
}
```

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 #E37F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E37F87
}
```

## Border

The CSS property to change the border of an element to Hex E37F87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

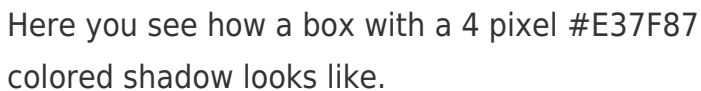
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E37F87 }
```

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

```
.border{ border-color:#E37F87 }
```

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



Here you see how a box with a 4 pixel `#E37F87` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E37F87; -webkit-box-shadow:4px 4px  
4px 4px #E37F87; box-shadow:4px 4px 4px  
4px #E37F87 }
```

# Background

The CSS property to change the background color of an element to Hex E37F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E37F87 }
```

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

```
.background{ background-color:#E37F87 }
```

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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