

# Converting Colors

Hex(E87F79)

Have a look what the booklet for  
Hex(E87F79) contains.

<b>Hex(E87F79)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E87F79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E87F79
RGB	232, 127, 121
RGB Percent	91%, 50%, 47%
CMY	0.0902, 0.5020, 0.5255
CMYK	0.00, 0.45, 0.48, 0.09
HSL	3°, 71%, 69%
HSV	3°, 48%, 91%
XYZ	44.3193, 33.7150, 22.2609
YIQ	157.7110, 64.5060, 20.3940

# Conversions

## Conversions Part 2

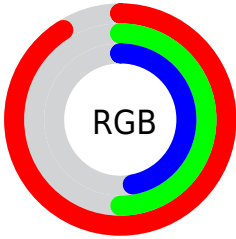
Format	Color
<a href="#">RYB</a>	<a href="#">232, 127, 121</a>
Decimal	<a href="#">15236985</a>
CIELab	<a href="#">64.74, 39.72, 21.38</a>
CIELCh	<a href="#">65, 45.111, 28.288</a>
Yxy	<a href="#">33.7150, 0.4419, 0.3362</a>
Android (android.graphics.Color)	<a href="#">4293427065</a> ( <a href="#">0xFFE87F79</a> )
YUV	<a href="#">157.7110, -18.0985, 65.1515</a>
Hunter-Lab	<a href="#">58.0646, 34.6314, 17.9145</a>

# Details

The Hex color **E87F79** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **79E2E8**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB5AD**, and **AD4B48** is the 20% darker color. If you saturate the color by 10%, you get **E86962**, and if you desaturate by 10%, it is **E89590**.

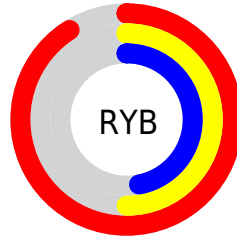
# Distribution



Red (91%)

Green (50%)

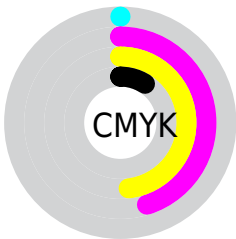
Blue (47%)



Red (91%)

Yellow (50%)

Blue (47%)

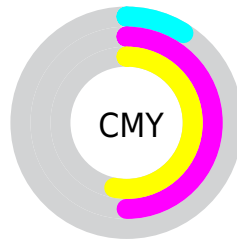


Cyan (0%)

Magenta (45%)

Yellow (48%)

Black (9%)



Cyan (9%)

Magenta (50%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E87F79 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 E87F79 by changing the saturation by 10% instead.



 E87F79

 E87F79

FFFFFF

 CA6560

 FFB5AD

 AD4B48

 FFD2C9

 903232

 FFEED5

 73171D

 570004

 3C0000

 1F0001

 000000

 E87F79

 E87F79

 E86962

 E89590

 E8534B

 E8ABA7

 E83D33

 E8C1BF

 E8271C

 E8D7D6

 E81105

 E8EDED

 E80D00

 E8FFFF

# Harmonies

## Analogous

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



E67CA1



E87F79



D78B59

# Triad

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



E87F79



5DAE71



52A2ED

# Complementary

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



E87F79



79E2E8

# 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.



00ACE1



E87F79



00B299

# Square

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



E87F79



8FA654



00B1C2



9D93E4

# Rectangle

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



E87F79



C3954D



00B1C2



29A6EB



# Sweetspot

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



E87F79



FFDDBB



E879E2



806B6A



000000



808080



# Same Dimension

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



E87F79



FF766E



E8B679



736867



B30A00



330300



# Inverse Universe

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



79E2E8



6EF7FF



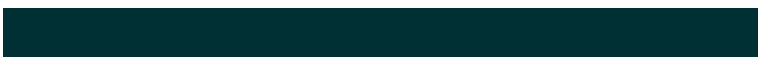
79ABE8



677273



00A9B3



003033



# Previews

## White Background



This preview shows how the Hex color E87F79 looks on a white background.

## Color Contrast Check

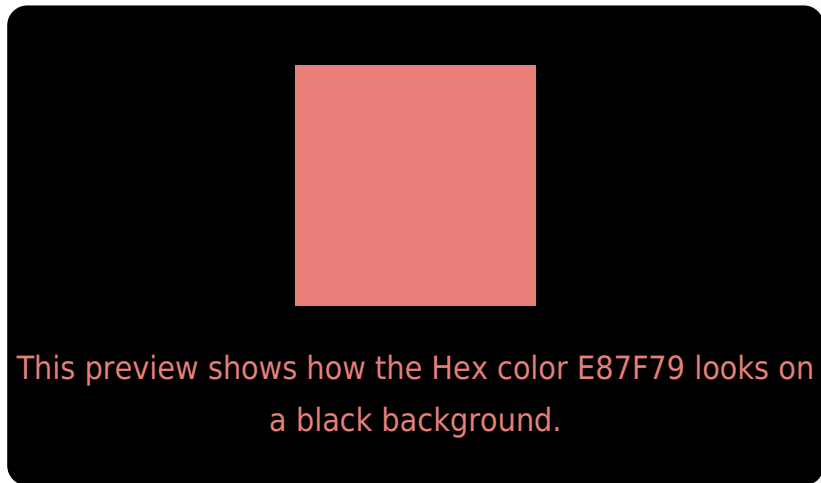
Large Text (above 18pt) WCAG AA × Fail

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 E87F79 Background



This preview shows how black text looks on a background with the Hex color E87F79.

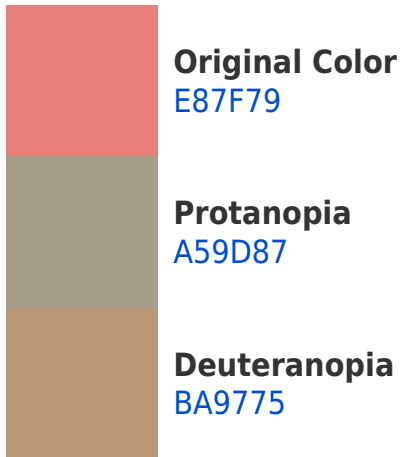



This preview shows how white text looks on a background with the Hex color E87F79.

# 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**  
E97D86

# Trichromacy



**Original Color**  
E87F79

**Protanomaly**  
BD9282

**Deuteranomaly**  
CB8E76

**Tritanomaly**  
E97E81

# Monochromacy



**Original Color**  
E87F79

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
B99391

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E87F79 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 #E87F79 looks like.

```
.text, #text, p{  
    color:#E87F79  
}
```

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 #E87F79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E87F79
}
```

## Border

The CSS property to change the border of an element to Hex E87F79 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
#E87F79 }
```

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

```
.border{ border-color:#E87F79 }
```

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

Here you see how a box with a 4 pixel #E87F79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E87F79; -webkit-box-shadow:4px 4px  
4px 4px #E87F79; box-shadow:4px 4px 4px  
4px #E87F79 }
```

# Background

The CSS property to change the background color of an element to Hex E87F79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E87F79 }
```

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

```
.background{ background-color:#E87F79 }
```

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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