

# Converting Colors

Hex(E87774)

Have a look what the booklet for  
Hex(E87774) contains.

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# **Color**

**Hex(E87774)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E87774
RGB	232, 119, 116
RGB Percent	91%, 47%, 45%
CMY	0.0902, 0.5333, 0.5451
CMYK	0.00, 0.49, 0.50, 0.09
HSL	2°, 72%, 68%
HSV	2°, 50%, 91%
XYZ	43.0279, 31.6104, 20.3566
YIQ	152.4450, 68.3110, 23.0230

# Conversions

## Conversions Part 2

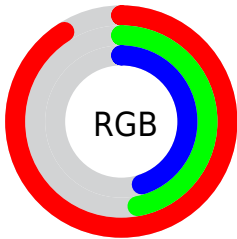
Format	Color
R <sub>Y</sub> B	232, 119, 116
Decimal	15234932
CIE Lab	63.02, 43.32, 21.88
CIE LCh	63, 48.530, 26.798
Yxy	31.6104, 0.4529, 0.3328
Android (android.graphics.Color)	4293425012 (0xFFE87774)
YUV	152.4450, -17.9674, 69.7697
Hunter-Lab	56.2231, 38.2167, 17.8892

# Details

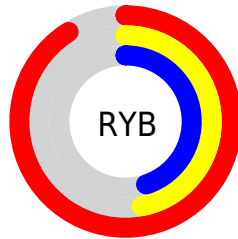
The Hex color **E87774** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **74E5E8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFADA8**, and **AC4344** is the 20% darker color. If you saturate the color by 10%, you get **E8605D**, and if you desaturate by 10%, it is **E88E8B**.

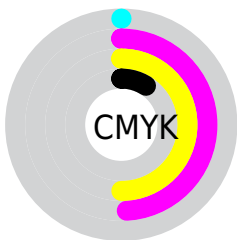
# Distribution



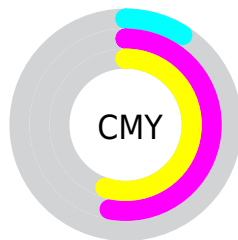
- Red (91%)
- Green (47%)
- Blue (45%)



- Red (91%)
- Yellow (47%)
- Blue (45%)



- Cyan (0%)
- Magenta (49%)
- Yellow (50%)
- Black (9%)



- Cyan (9%)
- Magenta (53%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E87774 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 E87774 by changing the saturation by 10% instead.



 E87774

 E87774

FFFFFF

 CA5D5B

 FFADA8

 AC4344

 FFC9C3

 8F282E

 FFE6DF

 720719

FFFFFFC

 560000

 3B0000

 1A0001

 000000

 E87774

 E87774

 E8605D

 E88E8B

 E84A46

 E8A4A2

 E8332E

 E8BBBA

 E81D17

 E8D1D1

 E80600

 E8E8E8

 E8FFFF

# Harmonies

## Analogous

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



E5749F



E87774



D68551

# Triad

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



E87774



55AA67



369FEE

# Complementary

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



E87774



74E5E8

# 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.



00A9E0



E87774



00AE92

# Square

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



E87774



8BA248



00AEBE



948FE6

# Rectangle

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



E87774



C28F43



00AEBE



00A3EC

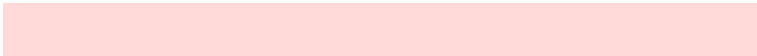


# Sweetspot

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



E87774



FFDAD9



E874E6



806969



000000



808080



# Same Dimension

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



E87774



FF6A66



E8B074



736867



B30500



330100



# Inverse Universe

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



74E5E8



66FBFF



74ACE8



677273



00AEB3



003233



# Previews

## White Background



This preview shows how the Hex color E87774 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 E87774 Background



This preview shows how black text looks on a background with the Hex color E87774.

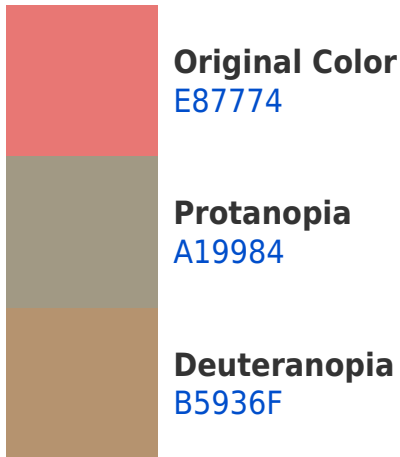


This preview shows how white text looks on a background with the Hex color E87774.

# 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**  
E9757E

# Trichromacy



**Original Color**  
E87774

**Protanomaly**  
BB8D7E

**Deuteranomaly**  
C88971

**Tritanomaly**  
E9767A

# Monochromacy



**Original Color**  
E87774

**Achromatopsia**  
989898

**Achromatomaly**  
B58C8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E87774 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 #E87774 looks like.

```
.text, #text, p{  
    color:#E87774  
}
```

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 #E87774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E87774
}
```

## Border

The CSS property to change the border of an element to Hex E87774 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
#E87774 }
```

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

```
.border{ border-color:#E87774 }
```

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

Here you see how a box with a 4 pixel #E87774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E87774; -webkit-box-shadow:4px 4px  
4px 4px #E87774; box-shadow:4px 4px 4px  
4px #E87774 }
```

# Background

The CSS property to change the background color of an element to Hex E87774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E87774 }
```

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

```
.background{ background-color:#E87774 }
```

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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