

# Converting Colors

Hex(E97E58)

Have a look what the booklet for  
Hex(E97E58) contains.

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**Color**

**Hex(E97E58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E97E58
RGB	233, 126, 88
RGB Percent	91%, 49%, 35%
CMY	0.0863, 0.5059, 0.6549
CMYK	0.00, 0.46, 0.62, 0.09
HSL	16°, 77%, 63%
HSV	16°, 62%, 91%
XYZ	42.8266, 32.9499, 13.3353
YIQ	153.6610, 75.9700, 10.8660

# Conversions

## Conversions Part 2

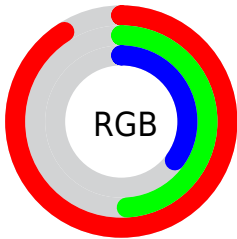
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 139, 88
Decimal	15302232
CIE Lab	64.12, 37.97, 38.82
CIE LCh	64, 54.302, 45.629
Yxy	32.9499, 0.4806, 0.3698
Android (android.graphics.Color)	4293492312 (0xFFE97E58)
YUV	153.6610, -32.3709, 69.5803
Hunter-Lab	57.4020, 32.7220, 26.4075

# Details

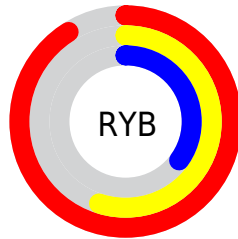
The Hex color **E97E58** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **58C3E9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB48B**, and **AC4B29** is the 20% darker color. If you saturate the color by 10%, you get **E96D41**, and if you desaturate by 10%, it is **E98F6F**.

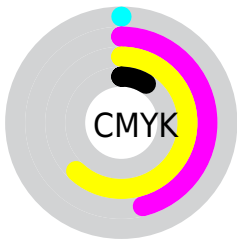
# Distribution



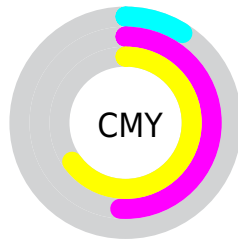
- Red (91%)
- Green (49%)
- Blue (35%)



- Red (91%)
- Yellow (55%)
- Blue (35%)



- Cyan (0%)
- Magenta (46%)
- Yellow (62%)
- Black (9%)



- Cyan (9%)
- Magenta (51%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E97E58 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 E97E58 by changing the saturation by 10% instead.



 E97E58

 E97E58

FFFFFF

 CA6440


 FFB48B

 AC4B29

 FFD0A5

 8E3112

 FFEDC1

 711700

 FFFFDD

 540000

 FFFFFA

 390000

 190001

 000000

 E97E58

 E97E58

 E96D41

 E98F6F

 E95C29

 E9A087

 E94A12

 E9B29E

 E93D00

 E9C3B5

 E9D4CC

 E9E5E4

 E9F6FB

 E9FFFF

# Harmonies

## Analogous

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



F57184



E97E58



CA913A

# Triad

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



E97E58



00B282



7498F9

# Complementary

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



E97E58



58C3E9

# 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.



00A7F9



E97E58



00B3B4

# Square

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



E97E58



67AC54



00B0E0



BF84E0

# Rectangle

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



E97E58



AE9C35



00B0E0



4D9EFC

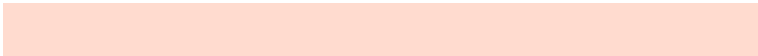


# Sweetspot

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



E97E58



FFDBC9



E958C5



806A62



000000



808080



# Same Dimension

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



E97E58



FF7240



E9C558



756D6A



B52F00



360E00



# Inverse Universe

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



58C3E9



40CDFE



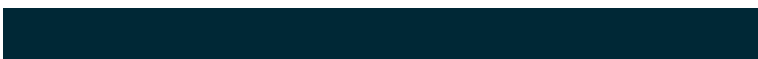
587CE9



6A7275



0086B5



002836



# Previews

## White Background



This preview shows how the Hex color E97E58 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 E97E58 Background



This preview shows how black text looks on a background with the Hex color E97E58.

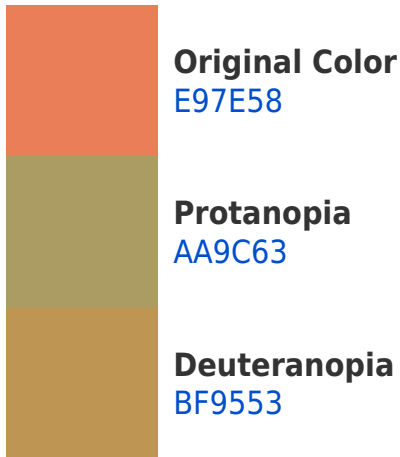


This preview shows how white text looks on a background with the Hex color E97E58.

# 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**  
EC7981

# Trichromacy



**Original Color**  
E97E58

**Protanomaly**  
C1915F

**Deuteranomaly**  
CE8D55

**Tritanomaly**  
EB7B72

# Monochromacy



**Original Color**  
E97E58

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
B79082

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E97E58 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 #E97E58 looks like.

```
.text, #text, p{  
    color:#E97E58  
}
```

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 #E97E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E97E58
}
```

## Border

The CSS property to change the border of an element to Hex E97E58 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
#E97E58 }
```

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

```
.border{ border-color:#E97E58 }
```

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

Here you see how a box with a 4 pixel #E97E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E97E58; -webkit-box-shadow:4px 4px  
4px 4px #E97E58; box-shadow:4px 4px 4px  
4px #E97E58 }
```

# Background

The CSS property to change the background color of an element to Hex E97E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E97E58 }
```

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

```
.background{ background-color:#E97E58 }
```

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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