

# Converting Colors

Hex(E97D5A)

Have a look what the booklet for  
Hex(E97D5A) contains.

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**Color**

**Hex(E97D5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E97D5A
RGB	233, 125, 90
RGB Percent	91%, 49%, 35%
CMY	0.0863, 0.5098, 0.6471
CMYK	0.00, 0.46, 0.61, 0.09
HSL	15°, 76%, 63%
HSV	15°, 61%, 91%
XYZ	42.7834, 32.7291, 13.7353
YIQ	153.3020, 75.6030, 12.0110

# Conversions

## Conversions Part 2

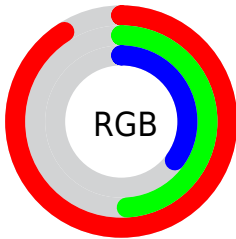
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 136, 90
Decimal	15301978
CIE Lab	63.94, 38.62, 37.52
CIE LCh	64, 53.846, 44.177
Yxy	32.7291, 0.4794, 0.3667
Android (android.graphics.Color)	4293492058 (0xFFE97D5A)
YUV	153.3020, -31.2079, 69.8951
Hunter-Lab	57.2093, 33.3730, 25.8117

# Details

The Hex color **E97D5A** 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 **5AC6E9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB38D**, and **AC492B** is the 20% darker color. If you saturate the color by 10%, you get **E96B43**, and if you desaturate by 10%, it is **E98F71**.

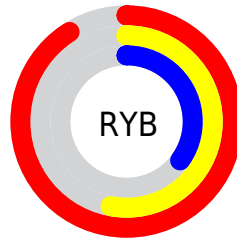
# Distribution



Red (91%)

Green (49%)

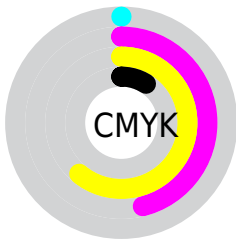
Blue (35%)



Red (91%)

Yellow (53%)

Blue (35%)

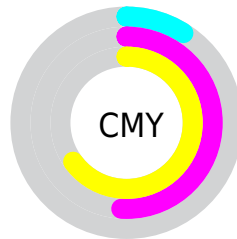


Cyan (0%)

Magenta (46%)

Yellow (61%)

Black (9%)



Cyan (9%)

Magenta (51%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E97D5A 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 E97D5A by changing the saturation by 10% instead.



 E97D5A

 E97D5A

FFFFFF

 CA6342


 FFB38D

 AC492B

 FFCFA7

 8F3014

 FFECC3

 711500

 FFFFDF

 540000

 FFFFFC

 390000

 190001

 000000

 E97D5A

 E97D5A

 E96B43

 E98F71

 E95A2B

 E9A089

 E94814

 E9B2A0

 E93900

 E9C3B7

 E9D5CE

 E9E7E6

 E9F8FD

 E9FFFF

# Harmonies

## Analogous

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



F47186



E97D5A



CB8F3B

# Triad

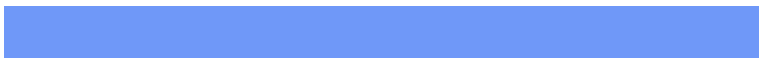
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E97D5A



00B17F



6F98F8

# Complementary

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



E97D5A



5AC6E9

# 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.



00A7F7



E97D5A



00B3B1

# Square

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



E97D5A



6AAB53



00B0DD



BB85E0

# Rectangle

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



E97D5A



AF9B35



00B0DD



479EFB

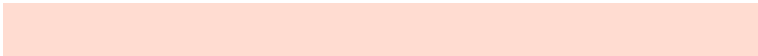


# Sweetspot

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



E97D5A



FFDCD1



E95AC8



806A63



000000



808080



# Same Dimension

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



E97D5A



FF7042



E9C35A



756C6A



B52C00



360D00



# Inverse Universe

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



5AC6E9



42D1FF



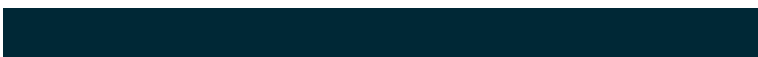
5A80E9



6A7275



0089B5

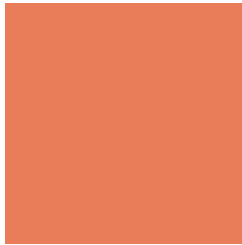


002836



# Previews

## White Background



This preview shows how the Hex color E97D5A looks on a white background.

## Color Contrast Check

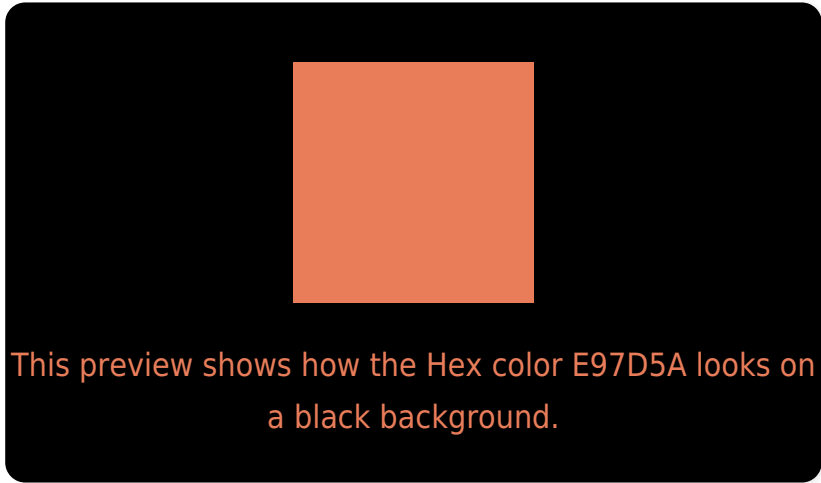
Large Text (above 18pt) WCAG AA × Fail

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 E97D5A Background



This preview shows how black text looks on a background with the Hex color E97D5A.

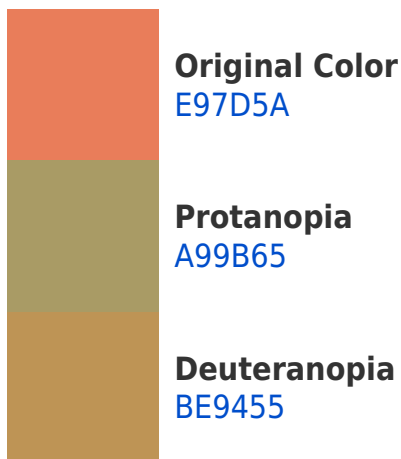


This preview shows how white text looks on a background with the Hex color E97D5A.

# 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





# Trichromacy



**Original Color**  
E97D5A

**Protanomaly**  
C09061

**Deuteranomaly**  
CE8C57

**Tritanomaly**  
EA7A73

# Monochromacy



**Original Color**  
E97D5A

**Achromatopsia**  
999999

**Achromatomaly**  
B68F82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E97D5A 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 #E97D5A looks like.

```
.text, #text, p{  
    color:#E97D5A  
}
```

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 #E97D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E97D5A
}
```

## Border

The CSS property to change the border of an element to Hex E97D5A 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
#E97D5A }
```

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

```
.border{ border-color:#E97D5A }
```

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

Here you see how a box with a 4 pixel #E97D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E97D5A; -webkit-box-shadow:4px 4px  
4px 4px #E97D5A; box-shadow:4px 4px 4px  
4px #E97D5A }
```

# Background

The CSS property to change the background color of an element to Hex E97D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E97D5A }
```

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

```
.background{ background-color:#E97D5A }
```

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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