

# Converting Colors

Hex(E37A63)

Have a look what the booklet for  
Hex(E37A63) contains.

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# **Color**

**Hex(E37A63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E37A63
RGB	227, 122, 99
RGB Percent	89%, 48%, 39%
CMY	0.1098, 0.5216, 0.6118
CMYK	0.00, 0.46, 0.56, 0.11
HSL	11°, 70%, 64%
HSV	11°, 56%, 89%
XYZ	40.8902, 31.1508, 15.6619
YIQ	150.7730, 69.9630, 15.1070

# Conversions

## Conversions Part 2

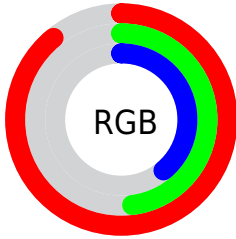
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 127, 99
Decimal	14908003
CIE <sub>Lab</sub>	62.63, 38.51, 30.79
CIE <sub>LCh</sub>	63, 49.304, 38.639
Yxy	31.1508, 0.4662, 0.3552
Android (android.graphics.Color)	4293098083 (0xFFE37A63)
YUV	150.7730, -25.5241, 66.8511
Hunter-Lab	55.8129, 33.1019, 22.4314

# Details

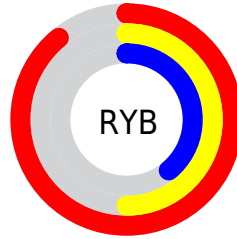
The Hex color **E37A63** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63CCE3**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB096**, and **A74734** is the 20% darker color. If you saturate the color by 10%, you get **E3674C**, and if you desaturate by 10%, it is **E38D7A**.

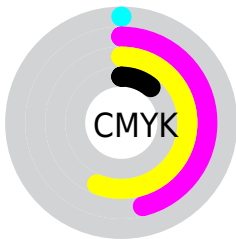
# Distribution



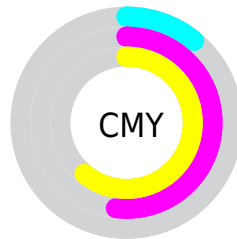
- Red (89%)
- Green (48%)
- Blue (39%)



- Red (89%)
- Yellow (50%)
- Blue (39%)



- Cyan (0%)
- Magenta (46%)
- Yellow (56%)
- Black (11%)



- Cyan (11%)
- Magenta (52%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E37A63 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 E37A63 by changing the saturation by 10% instead.



 E37A63

 E37A63

FFFFFF

 C5604B

 FFB096

 A74734

 FFCCB1

 8A2D1E

 FFE9CC

 6D1207

 FFFFE9

 510000

 360000

 100000

 000000

 E37A63

 E37A63

 E3674C

 E38D7A

 E35536

 E39F90

 E3421F

 E3B2A7

 E33008

 E3C4BE

 E32900

 E3D7D4

 E3EAEB

 E3FCFF

 E3FFFF

# Harmonies

## Analogous

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



E9728C



E37A63



CA8A45

# Triad

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



E37A63



31AB76



6198EE

# Complementary

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



E37A63



63CCE3

# 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.



00A5E8



E37A63



00AEA3

# Square

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



E37A63



76A550



00ACCD



AB87DC

# Rectangle

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



E37A63



B2943C



00ACCD



3A9DEF

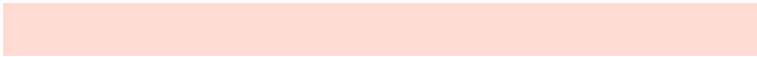


# Sweetspot

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



E37A63



FFDBD4



E363CE



806B66



000000



808080



# Same Dimension

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



E37A63



FF7152



E3B863



736967



B32000



330900



# Inverse Universe

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



63CCE3



52E0FF



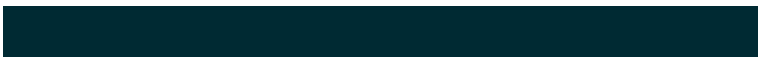
638EE3



677173



0092B3



002A33



# Previews

## White Background



This preview shows how the Hex color E37A63 looks on a white background.

## Color Contrast Check

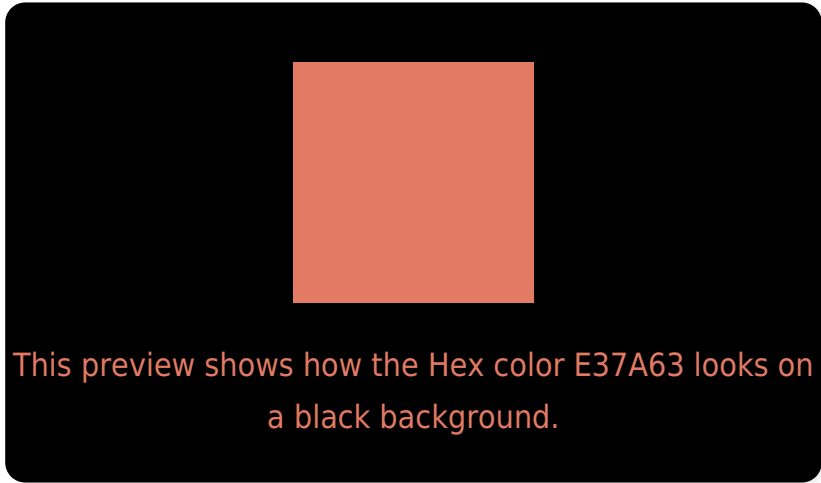
Large Text (above 18pt) WCAG AA × Fail

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 E37A63 Background



This preview shows how black text looks on a background with the Hex color E37A63.




This preview shows how white text looks on a background with the Hex color E37A63.

# 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](#).

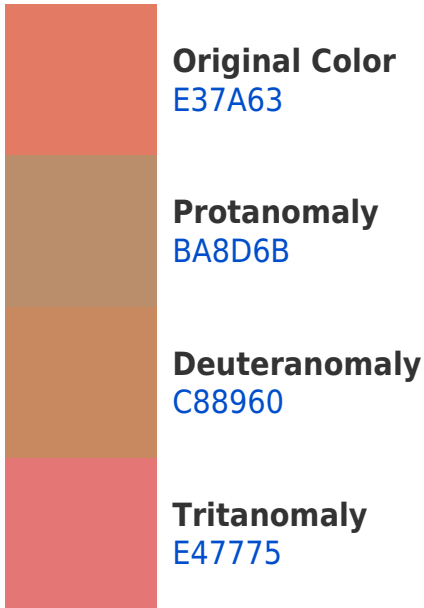
## Dichromacy





**Tritanopia**  
E5767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E37A63 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 #E37A63 looks like.

```
.text, #text, p{  
    color:#E37A63  
}
```

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 #E37A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E37A63
}
```

## Border

The CSS property to change the border of an element to Hex E37A63 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
#E37A63 }
```

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

```
.border{ border-color:#E37A63 }
```

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

Here you see how a box with a 4 pixel #E37A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E37A63; -webkit-box-shadow:4px 4px  
4px 4px #E37A63; box-shadow:4px 4px 4px  
4px #E37A63 }
```

# Background

The CSS property to change the background color of an element to Hex E37A63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E37A63 }
```

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

```
.background{ background-color:#E37A63 }
```

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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