

Converting Colors

Hex(E47C61)

Have a look what the booklet for
Hex(E47C61) contains.

Hex(E47C61)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E47C61)

Conversions

Conversions Part 1

Format	Color
Hex	E47C61
RGB	228, 124, 97
RGB Percent	89%, 49%, 38%
CMY	0.1059, 0.5137, 0.6196
CMYK	0.00, 0.46, 0.57, 0.11
HSL	12°, 71%, 64%
HSV	12°, 57%, 89%
XYZ	41.3602, 31.7724, 15.2620
YIQ	152.0180, 70.6510, 13.6510

Conversions

Conversions Part 2

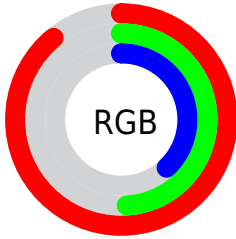
Format	Color
R _Y B	228, 131, 97
Decimal	14974049
CIE Lab	63.15, 37.71, 32.58
CIE LCh	63, 49.837, 40.825
Yxy	31.7724, 0.4679, 0.3594
Android (android.graphics.Color)	4293164129 (0xFFE47C61)
YUV	152.0180, -27.1239, 66.6362
Hunter-Lab	56.3670, 32.3352, 23.4034

Details

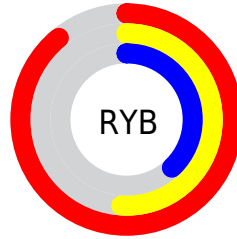
The Hex color **E47C61** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **61C9E4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB294**, and **A84932** is the 20% darker color. If you saturate the color by 10%, you get **E46A4A**, and if you desaturate by 10%, it is **E48E78**.

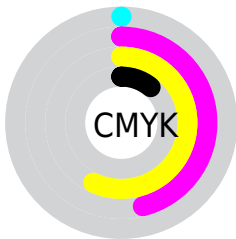
Distribution



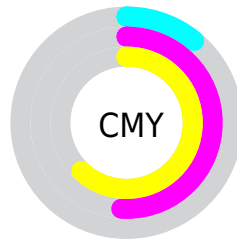
- Red (89%)
- Green (49%)
- Blue (38%)



- Red (89%)
- Yellow (51%)
- Blue (38%)



- Cyan (0%)
- Magenta (46%)
- Yellow (57%)
- Black (11%)



- Cyan (11%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color E47C61 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 E47C61 by changing the saturation by 10% instead.

 E47C61

 E47C61

FFFFFF

 C66249

 FF294

 A84932

 FFCEAF

 8B2F1C

 FFEBCA

 6E1504

 FFFFE7

 510000

 360000

 130000

 000000

 E47C61

 E47C61

 E46A4A

 E48E78

 E45833

 E4A08F

 E4461D

 E4B2A5

 E43406

 E4C4BC

 E42F00

 E4D7D3

 E4E9EA

 E4FBFF

 E4FFFF

Harmonies

Analogous

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



EC738A



E47C61



CA8C44

Triad

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



E47C61



28AD7A



6998F0

Complementary

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



E47C61



61C9E4

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.



00A5EC



E47C61



00AFA8

Square

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



E47C61



73A753



00ADD2



B187DC

Rectangle

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



E47C61



B1973C



00ADD2



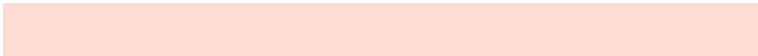
449DF1

Sweetspot

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



E47C61



FFDDD4



E461CA



806B66



000000



808080

Same Dimension

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



E47C61



FF734F



E4BD61



736A67



B32500



330B00

Inverse Universe

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



61C9E4



4FDBFF



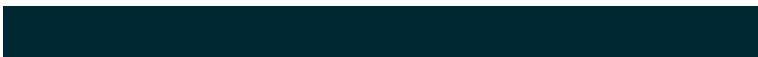
6188E4



677073



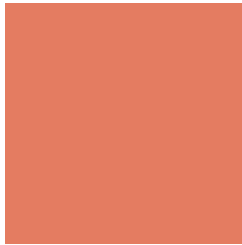
008EB3



002833

Previews

White Background



This preview shows how the Hex color E47C61 looks on a white background.

Color Contrast Check

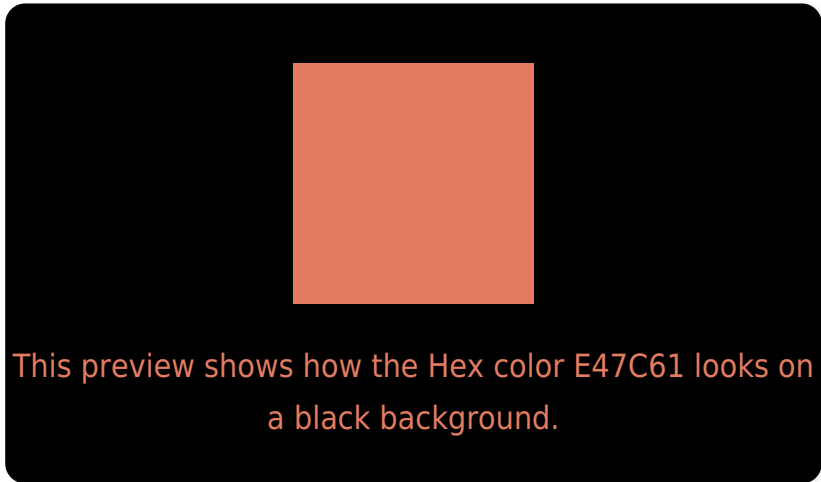
Large Text (above 18pt) WCAG AA × Fail

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 E47C61 Background



This preview shows how black text looks on a background with the Hex color E47C61.

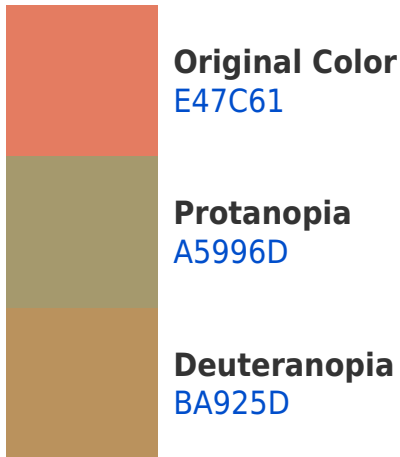


This preview shows how white text looks on a background with the Hex color E47C61.

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
E67880

Trichromacy



Original Color
E47C61

Protanomaly
BC8E69

Deuteranomaly
C98A5E

Tritanomaly
E57975

Monochromacy



Original Color
E47C61

Achromatopsia
989898

Achromatomaly
B48E84

CSS Examples

Text

The CSS property to change the color of the text to Hex E47C61 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 #E47C61 looks like.

```
.text, #text, p{  
    color:#E47C61  
}
```

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 #E47C61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47C61
}
```

Border

The CSS property to change the border of an element to Hex E47C61 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
#E47C61 }
```

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

```
.border{ border-color:#E47C61 }
```

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

Here you see how a box with a 4 pixel #E47C61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47C61; -webkit-box-shadow:4px 4px  
4px 4px #E47C61; box-shadow:4px 4px 4px  
4px #E47C61 }
```

Background

The CSS property to change the background color of an element to Hex E47C61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47C61 }
```

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

```
.background{ background-color:#E47C61 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor