

Converting Colors

Hex(E57157)

Have a look what the booklet for
Hex(E57157) contains.

Hex(E57157)	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(E57157)

Conversions

Conversions Part 1

Format	Color
Hex	E57157
RGB	229, 113, 87
RGB Percent	90%, 44%, 34%
CMY	0.1020, 0.5569, 0.6588
CMYK	0.00, 0.51, 0.62, 0.10
HSL	11°, 73%, 62%
HSV	11°, 62%, 90%
XYZ	39.9385, 29.1564, 12.5396
YIQ	144.7200, 77.4820, 16.5060

Conversions

Conversions Part 2

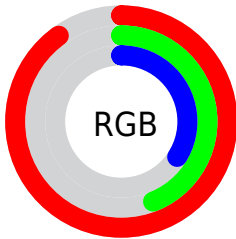
Format	Color
RYB	229, 119, 87
Decimal	15036759
CIELab	60.92, 42.95, 35.31
CIELCh	61, 55.606, 39.425
Yxy	29.1564, 0.4892, 0.3572
Android (android.graphics.Color)	4293226839 (0xFFE57157)
YUV	144.7200, -28.4560, 73.9136
Hunter-Lab	53.9967, 37.5330, 24.0288

Details

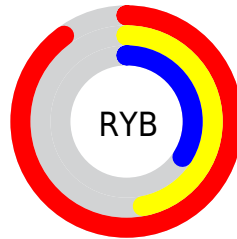
The Hex color **E57157** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **57CBE5**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA789**, and **A83D29** is the 20% darker color. If you saturate the color by 10%, you get **E55E40**, and if you desaturate by 10%, it is **E5846E**.

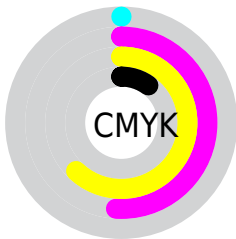
Distribution



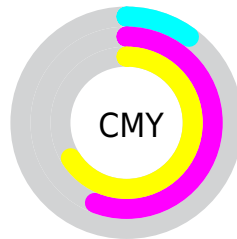
- Red (90%)
- Green (44%)
- Blue (34%)



- Red (90%)
- Yellow (47%)
- Blue (34%)



- Cyan (0%)
- Magenta (51%)
- Yellow (62%)
- Black (10%)



- Cyan (10%)
- Magenta (56%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color E57157 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 E57157 by changing the saturation by 10% instead.

 E57157

 E57157

FFFFFF

 C6573F

 FFA789

 A83D29

 FFC3A4

 8A2213

 FFDFBF

 6D0000

 FFFDDB

 500000

 FFFFF8

 360001

 0A0000

 000000

 E57157

 E57157

 E55E40

 E5846E

 E54C29

 E59685

 E53912

 E5A99C

 E52A00

 E5BCB3

 E5CFCA

 E5E1E0

 E5F4F7

 E5FFFF

Harmonies

Analogous

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



ED6685



E57157



C98434

Triad

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



E57157



00A96F



4F93F4

Complementary

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



E57157



57CBE5

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.



00A1EF



E57157



00ABA2

Square

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



E57157



6AA242



00A9D0



AA7FDF

Rectangle

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



E57157



AE9029



00A9D0



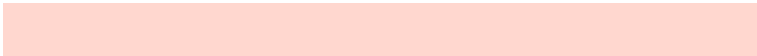
0099F5

Sweetspot

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



E57157



FFD7CF



E557CD



806862



000000



808080

Same Dimension

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



E57157



FF6542



E5B657



736967



B32100



330900

Inverse Universe

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



57CBE5



42DCFF



5786E5



677173



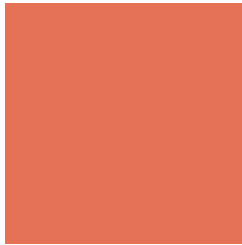
0092B3



002A33

Previews

White Background



This preview shows how the Hex color E57157 looks on a white background.

Color Contrast Check

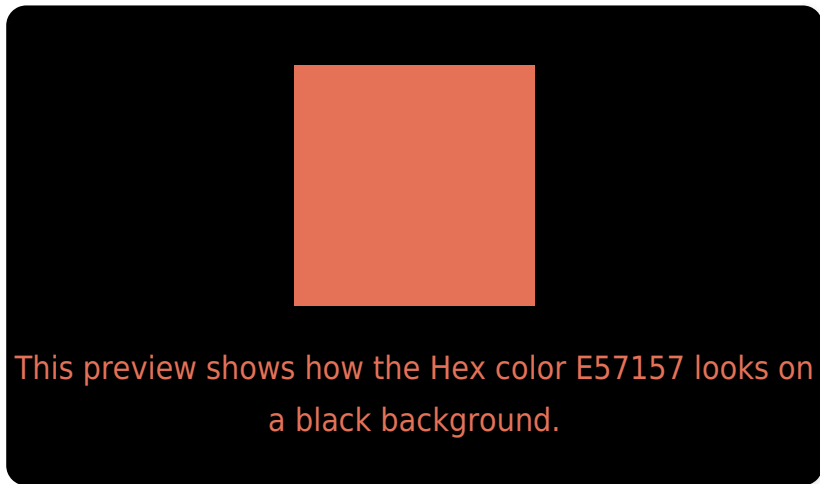
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E57157 Background



This preview shows how black text looks on a background with the Hex color E57157.

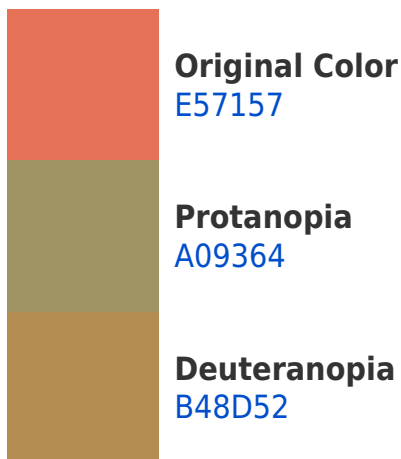



This preview shows how white text looks on a background with the Hex color E57157.

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](#).

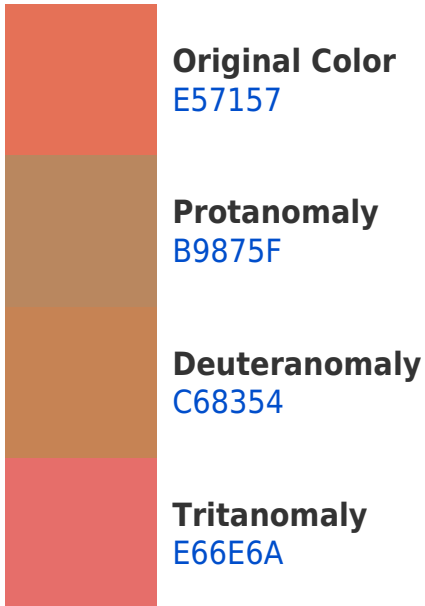
Dichromacy



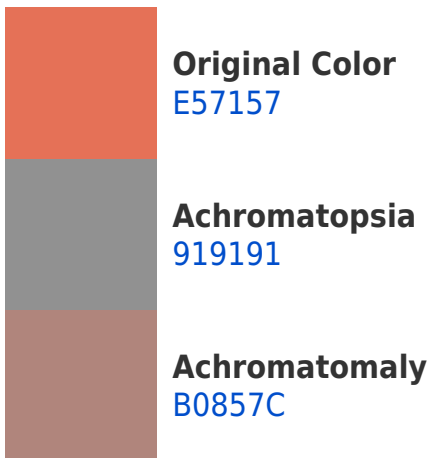


Tritanopia
E76D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E57157 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 #E57157 looks like.

```
.text, #text, p{  
    color:#E57157  
}
```

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 #E57157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E57157
}
```

Border

The CSS property to change the border of an element to Hex E57157 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
#E57157 }
```

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

```
.border{ border-color:#E57157 }
```

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

Here you see how a box with a 4 pixel #E57157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E57157; -webkit-box-shadow:4px 4px  
4px 4px #E57157; box-shadow:4px 4px 4px  
4px #E57157 }
```

Background

The CSS property to change the background color of an element to Hex E57157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E57157 }
```

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

```
.background{ background-color:#E57157 }
```

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