

Converting Colors

Hex(E7AE57)

Have a look what the booklet for
Hex(E7AE57) contains.

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Color

Hex(E7AE57)

Conversions

Conversions Part 1

Format	Color
Hex	E7AE57
RGB	231, 174, 87
RGB Percent	91%, 68%, 34%
CMY	0.0941, 0.3176, 0.6588
CMYK	0.00, 0.25, 0.62, 0.09
HSL	36°, 75%, 62%
HSV	36°, 62%, 91%
XYZ	49.8113, 47.9491, 15.6466
YIQ	181.1250, 61.8990, -14.9730

Conversions

Conversions Part 2

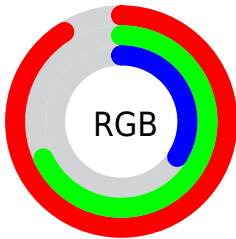
Format	Color
RYB	181, 231, 87
Decimal	15183447
CIELab	74.79, 11.77, 51.78
CIElCh	75, 53.103, 77.194
Yxy	47.9491, 0.4392, 0.4228
Android (android.graphics.Color)	4293373527 (0xFFE7AE57)
YUV	181.1250, -46.4036, 43.7404
Hunter-Lab	69.2453, 7.2240, 35.0746

Details

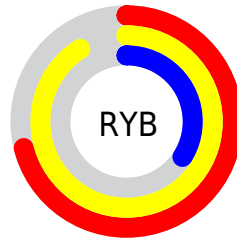
The Hex color **E7AE57** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5790E7**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFE58C**, and **AC7A23** is the 20% darker color. If you saturate the color by 10%, you get **E7A540**, and if you desaturate by 10%, it is **E7B76E**.

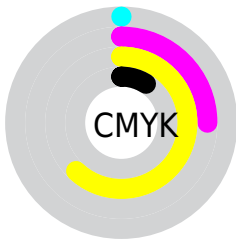
Distribution



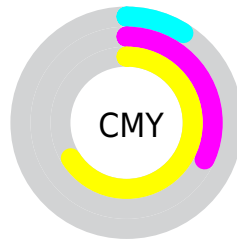
- Red (91%)
- Green (68%)
- Blue (34%)



- Red (71%)
- Yellow (91%)
- Blue (34%)



- Cyan (0%)
- Magenta (25%)
- Yellow (62%)
- Black (9%)



- Cyan (9%)
- Magenta (32%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7AE57 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 E7AE57 by changing the saturation by 10% instead.

 E7AE57

 E7AE57

FFFFFF

 C9933D

 FFE58C

 AC7A23

 FFFFA7

 8F6103

 FFFFC2

 734900

 FFFFDF

 573300

 FFFFFC

 3C1E00

 240800

 000000

 E7AE57

 E7AE57

 E7A540

 E7B76E

 E79C29

 E7C085

 E79312

 E7C99C

 E78C00

 E7D3B3

 E7DCCB

 E7E5E2

 E7EEF9

 E7F7FF

 E7FFFF

Harmonies

Analogous

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



FF9C72



E7AE57



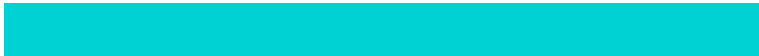
BABE57

Triad

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



E7AE57



00D1D3



DFA0FB

Complementary

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



E7AE57



5790E7

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.



99B3FF



E7AE57



00CDFF

Square

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



E7AE57



29D0A1



00C3FF



FF92CF

Rectangle

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



E7AE57



96C667



00C3FF



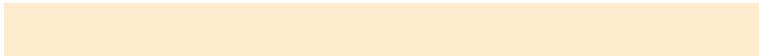
CBA7FF

Sweetspot

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



E7AE57



FFECCF



E75791



807462



000000



808080

Same Dimension

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



E7AE57



FFB340



D9E757



736E67



B36C00



331F00

Inverse Universe

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



5790E7



408BFF



6557E7



676C73



0047B3



001433

Previews

White Background



This preview shows how the Hex color E7AE57 looks on a white background.

Color Contrast Check

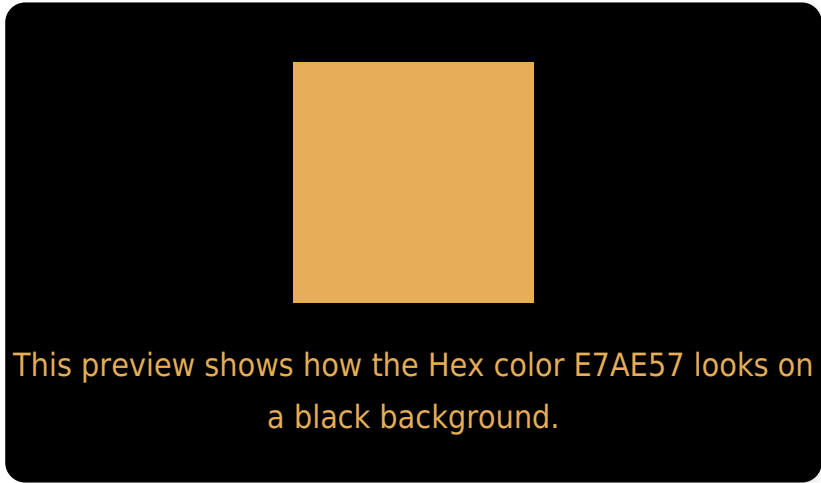
Large Text (above 18pt) WCAG AA × Fail

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

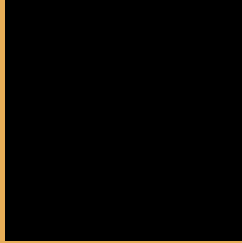
Any Text WCAG AA ✓ Pass

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 E7AE57 Background



This preview shows how black text looks on a background with the Hex color E7AE57.

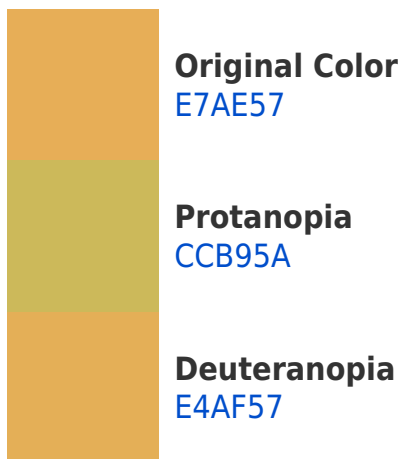


This preview shows how white text looks on a background with the Hex color E7AE57.

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](#).

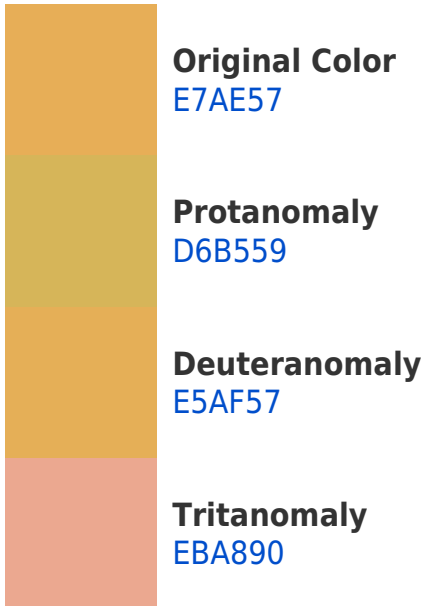
Dichromacy





Tritanopia
EEA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7AE57 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 #E7AE57 looks like.

```
.text, #text, p{  
    color:#E7AE57  
}
```

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 #E7AE57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7AE57
}
```

Border

The CSS property to change the border of an element to Hex E7AE57 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
#E7AE57 }
```

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

```
.border{ border-color:#E7AE57 }
```

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

Here you see how a box with a 4 pixel #E7AE57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7AE57; -webkit-box-shadow:4px 4px  
4px 4px #E7AE57; box-shadow:4px 4px 4px  
4px #E7AE57 }
```

Background

The CSS property to change the background color of an element to Hex E7AE57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7AE57 }
```

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

```
.background{ background-color:#E7AE57 }
```

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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