

# Converting Colors

Hex(E7AB57)

Have a look what the booklet for  
Hex(E7AB57) contains.

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**Color**

**Hex(E7AB57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7AB57
RGB	231, 171, 87
RGB Percent	91%, 67%, 34%
CMY	0.0941, 0.3294, 0.6588
CMYK	0.00, 0.26, 0.62, 0.09
HSL	35°, 75%, 62%
HSV	35°, 62%, 91%
XYZ	49.2382, 46.8029, 15.4555
YIQ	179.3640, 62.7240, -13.4040

# Conversions

## Conversions Part 2

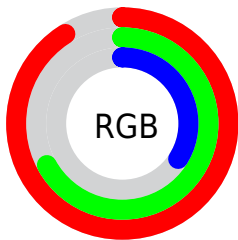
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 231, 87
Decimal	15182679
CIELab	74.06, 13.36, 50.95
CIElCh	74, 52.676, 75.305
Yxy	46.8029, 0.4416, 0.4198
Android (android.graphics.Color)	4293372759 (0xFFE7AB57)
YUV	179.3640, -45.5355, 45.2848
Hunter-Lab	68.4126, 8.7487, 34.4942

# Details

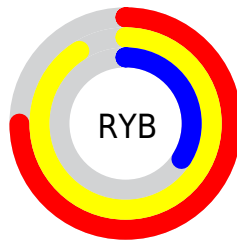
The Hex color **E7AB57** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5793E7**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFE28B**, and **AC7724** is the 20% darker color. If you saturate the color by 10%, you get **E7A140**, and if you desaturate by 10%, it is **E7B56E**.

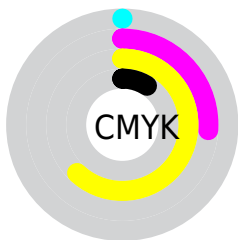
# Distribution



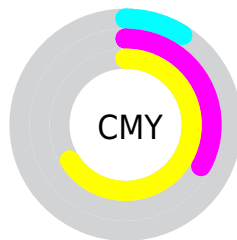
- Red (91%)
- Green (67%)
- Blue (34%)



- Red (75%)
- Yellow (91%)
- Blue (34%)



- Cyan (0%)
- Magenta (26%)
- Yellow (62%)
- Black (9%)



- Cyan (9%)
- Magenta (33%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7AB57 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 E7AB57 by changing the saturation by 10% instead.



 E7AB57

 E7AB57

FFFFFF

 C9913E

 FFE28B

 AC7724

 FFFFA7

 8F5E04

 FFFFC2

 734700

 FFFFDF

 573000

 FFFFFC

 3C1B00

 240400

 000000

 E7AB57

 E7AB57

 E7A140

 E7B56E

 E79829

 E7BE85

 E78E12

 E7C89C

 E78700

 E7D2B3

 E7DBCB

 E7E5E2

 E7EEF9

 E7F8FF

 E7FFFF

# Harmonies

## Analogous

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



FF9973



E7AB57



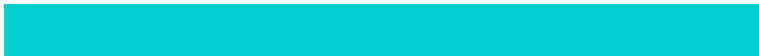
BBBB55

# Triad

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



E7AB57



00CFCE



DAA0FB

# Complementary

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



E7AB57



5793E7

# 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.



92B3FF



E7AB57



00CBFA

# Square

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



E7AB57



32CD9C



00C2FF



FF91D0

# Rectangle

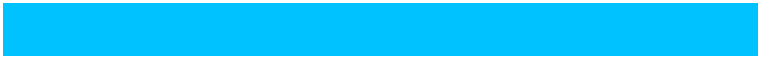
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7AB57



98C364



00C2FF



C5A6FF

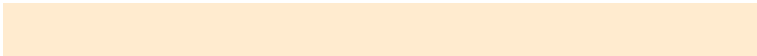


# Sweetspot

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



E7AB57



FFEBCF



E75793



807362



000000



808080



# Same Dimension

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



E7AB57



FFAF40



DBE757



736E67



B36800



331E00



# Inverse Universe

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



5793E7



408FFF



6357E7



676C73



004AB3



001533



# Previews

## White Background



This preview shows how the Hex color E7AB57 looks on a white background.

## Color Contrast Check

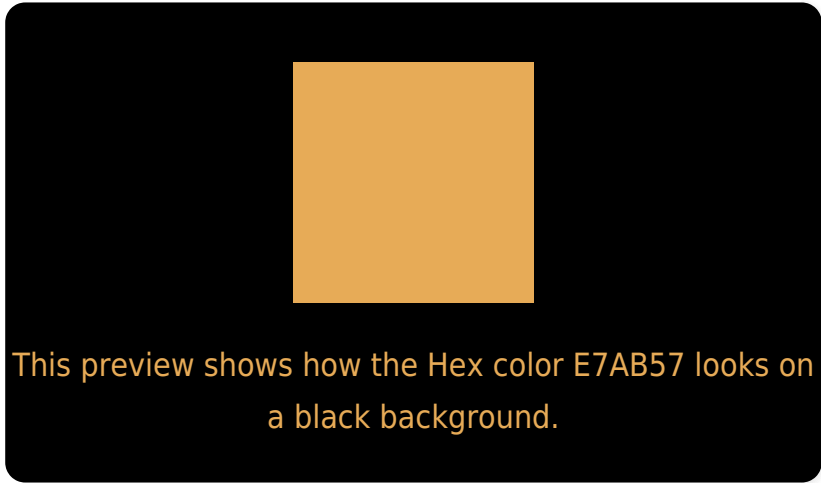
Large Text (above 18pt) WCAG AA × Fail

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 E7AB57 Background



This preview shows how black text looks on a background with the Hex color E7AB57.



This preview shows how white text looks on a background with the Hex color E7AB57.

# 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



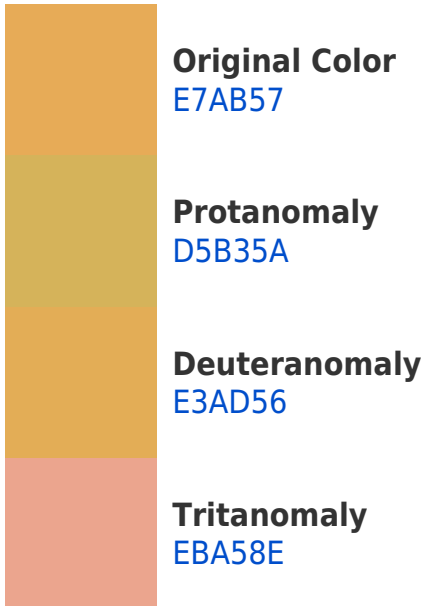
**Original Color**  
E7AB57

**Protanopia**  
CAB75B

**Deuteranopia**  
E1AE56



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7AB57 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 #E7AB57 looks like.

```
.text, #text, p{  
    color:#E7AB57  
}
```

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 #E7AB57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7AB57
}
```

## Border

The CSS property to change the border of an element to Hex E7AB57 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
#E7AB57 }
```

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

```
.border{ border-color:#E7AB57 }
```

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

Here you see how a box with a 4 pixel #E7AB57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7AB57; -webkit-box-shadow:4px 4px  
4px 4px #E7AB57; box-shadow:4px 4px 4px  
4px #E7AB57 }
```

# Background

The CSS property to change the background color of an element to Hex E7AB57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7AB57 }
```

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

```
.background{ background-color:#E7AB57 }
```

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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