

Converting Colors

Hex(E7AF37)

Have a look what the booklet for
Hex(E7AF37) contains.

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Color

Hex(E7AF37)

Conversions

Conversions Part 1

Format	Color
Hex	E7AF37
RGB	231, 175, 55
RGB Percent	91%, 69%, 22%
CMY	0.0941, 0.3137, 0.7843
CMYK	0.00, 0.24, 0.76, 0.09
HSL	41°, 79%, 56%
HSV	41°, 76%, 91%
XYZ	48.9746, 47.9247, 10.2836
YIQ	178.0640, 71.8960, -25.4480

Conversions

Conversions Part 2

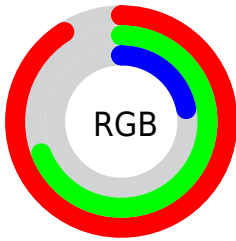
Format	Color
RYB	137, 231, 55
Decimal	15183671
CIELab	74.78, 9.57, 65.43
CIElCh	75, 66.128, 81.682
Yxy	47.9247, 0.4569, 0.4471
Android (android.graphics.Color)	4293373751 (0xFFE7AF37)
YUV	178.0640, -60.6706, 46.4249
Hunter-Lab	69.2277, 5.1300, 39.6520

Details

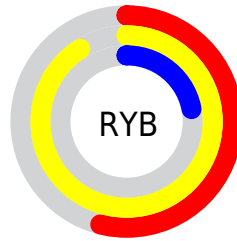
The Hex color **E7AF37** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **376FE7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE66E**, and **AB7B00** is the 20% darker color. If you saturate the color by 10%, you get **E7A820**, and if you desaturate by 10%, it is **E7B64E**.

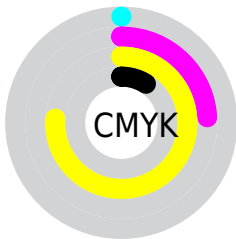
Distribution



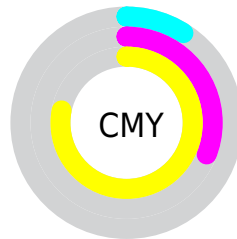
- Red (91%)
- Green (69%)
- Blue (22%)



- Red (54%)
- Yellow (91%)
- Blue (22%)



- Cyan (0%)
- Magenta (24%)
- Yellow (76%)
- Black (9%)



- Cyan (9%)
- Magenta (31%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7AF37 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 E7AF37 by changing the saturation by 10% instead.

 E7AF37

 E7AF37

FFFFFF

 C99517

 FFE66E

 AB7B00

 FFFF89

 8D6200

 FFFFA5

 714B00

 FFFF80

 553400

 FFFFDE

 3A1F00

FFFFFFC

 220900

 000000

 E7AF37

 E7AF37

 E7A820

 E7B64E

 E7A009

 E7BE65

 E79D00

 E7C57C

 E7CC93

 E7D4AB

 E7DBC2

 E7E2D9

 E7EAF0

 E7F1FF

Harmonies

Analogous

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



FF975A



E7AF37



AEC23D

Triad

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



E7AF37



00D5E3



F295FF

Complementary

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



E7AF37



376FE7

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.



9CAFFF



E7AF37



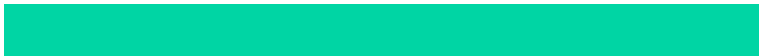
00D0FF

Square

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



E7AF37



00D5A4



00C4FF



FF82CC

Rectangle

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



E7AF37



7FCB58



00C4FF



DA9EFF

Sweetspot

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



E7AF37



FFECC4



E73772



80745C



000000



808080

Same Dimension

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



E7AF37



FFB517



CAE737



736F67



B37A00



332300

Inverse Universe

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



376FE7



1761FF



5437E7



676B73



0039B3



001033

Previews

White Background



This preview shows how the Hex color E7AF37 looks on a white background.

Color Contrast Check

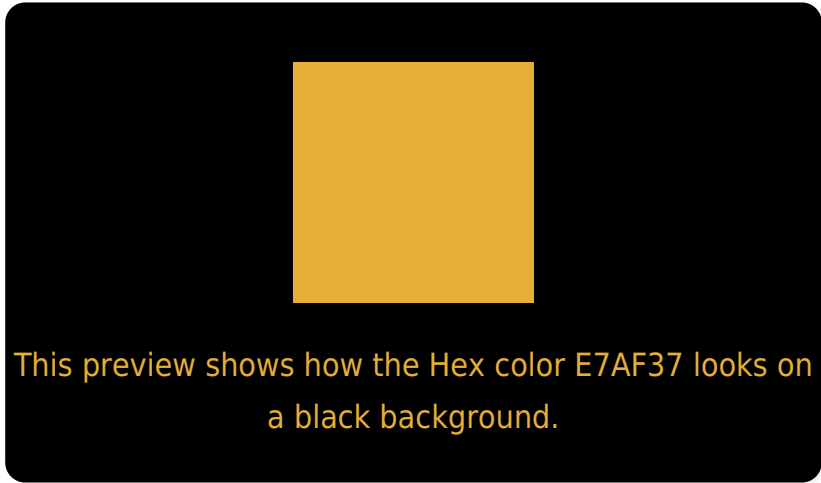
Large Text (above 18pt) WCAG AA × Fail

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 E7AF37 Background



This preview shows how black text looks on a background with the Hex color E7AF37.

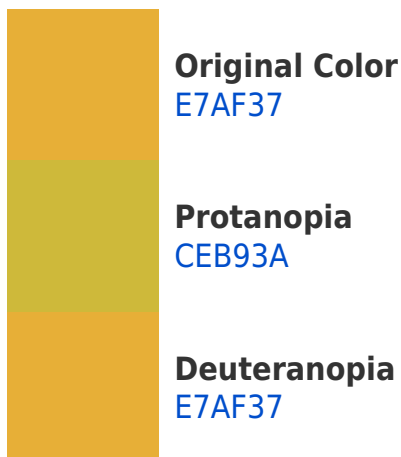


This preview shows how white text looks on a background with the Hex color E7AF37.

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](#).

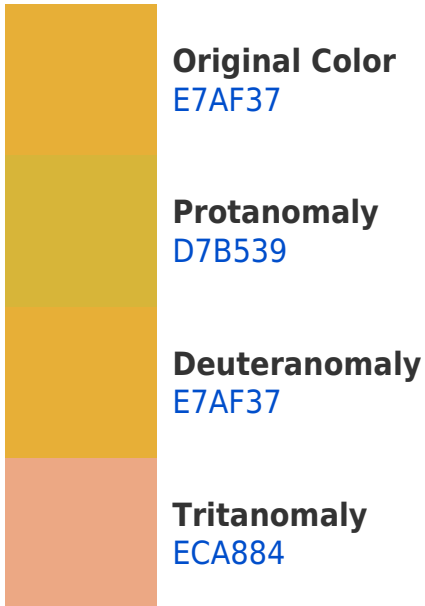
Dichromacy





Tritanopia
EFA4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7AF37 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 #E7AF37 looks like.

```
.text, #text, p{  
    color:#E7AF37  
}
```

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 #E7AF37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7AF37
}
```

Border

The CSS property to change the border of an element to Hex E7AF37 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
#E7AF37 }
```

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

```
.border{ border-color:#E7AF37 }
```

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

Here you see how a box with a 4 pixel #E7AF37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7AF37; -webkit-box-shadow:4px 4px  
4px 4px #E7AF37; box-shadow:4px 4px 4px  
4px #E7AF37 }
```

Background

The CSS property to change the background color of an element to Hex E7AF37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7AF37 }
```

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

```
.background{ background-color:#E7AF37 }
```

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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