

Converting Colors

Hex(E7AC4B)

Have a look what the booklet for
Hex(E7AC4B) contains.

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Color

Hex(E7AC4B)

Conversions

Conversions Part 1

Format	Color
Hex	E7AC4B
RGB	231, 172, 75
RGB Percent	91%, 67%, 29%
CMY	0.0941, 0.3255, 0.7059
CMYK	0.00, 0.26, 0.68, 0.09
HSL	37°, 76%, 60%
HSV	37°, 68%, 91%
XYZ	48.9775, 47.0020, 13.1475
YIQ	178.5830, 66.3010, -17.6590

Conversions

Conversions Part 2

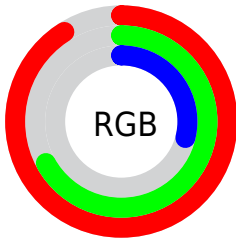
Format	Color
RYB	170, 231, 75
Decimal	15182923
CIELab	74.19, 12.10, 56.65
CIELCh	74, 57.927, 77.940
Yxy	47.0020, 0.4488, 0.4307
Android (android.graphics.Color)	4293373003 (0xFFE7AC4B)
YUV	178.5830, -51.0664, 45.9697
Hunter-Lab	68.5580, 7.5431, 36.6204

Details

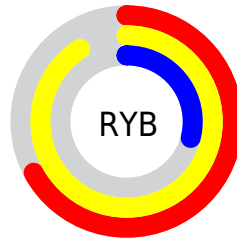
The Hex color **E7AC4B** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4B86E7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE380**, and **AB7813** is the 20% darker color. If you saturate the color by 10%, you get **E7A334**, and if you desaturate by 10%, it is **E7B562**.

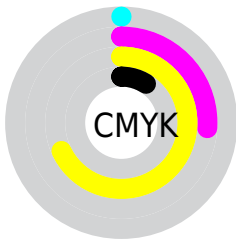
Distribution



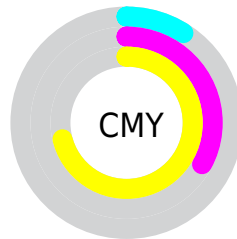
- Red (91%)
- Green (67%)
- Blue (29%)



- Red (67%)
- Yellow (91%)
- Blue (29%)



- Cyan (0%)
- Magenta (26%)
- Yellow (68%)
- Black (9%)



- Cyan (9%)
- Magenta (33%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7AC4B 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 E7AC4B by changing the saturation by 10% instead.

 E7AC4B

 E7AC4B

FFFFFF

 C99231

 FFE380

 AB7813

 FFFF9B

 8E5F00

 FFFFB7

 724800

 FFFFDD

 563100

 FFFFF0

 3B1C00

 230500

 000000

 E7AC4B

 E7AC4B

 E7A334

 E7B562

 E79B1D

 E7BD79

 E79206

 E7C690

 E79000

 E7CFA7

 E7D8BF

 E7E0D6

 E7E9ED

 E7F2FF

 E7FBFF

Harmonies

Analogous

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



FF9869



E7AC4B



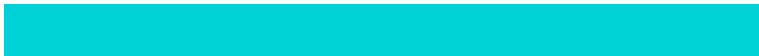
B6BD4B

Triad

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



E7AC4B



00D1D6



E29CFE

Complementary

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



E7AC4B



4B86E7

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.



95B1FF



E7AC4B



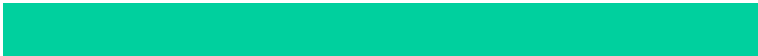
00CDFF

Square

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



E7AC4B



00D09E



00C2FF



FF8BCE

Rectangle

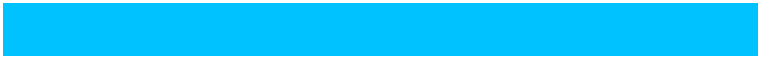
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7AC4B



8FC65F



00C2FF



CDA3FF

Sweetspot

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



E7AC4B



FFECCC



E74B87



807461



000000



808080

Same Dimension

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



E7AC4B



FFB130



D5E74B



736E67



B36F00



332000

Inverse Universe

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



4B86E7



307FFF



5D4BE7



676C73



0044B3



001333

Previews

White Background



This preview shows how the Hex color E7AC4B looks on a white background.

Color Contrast Check

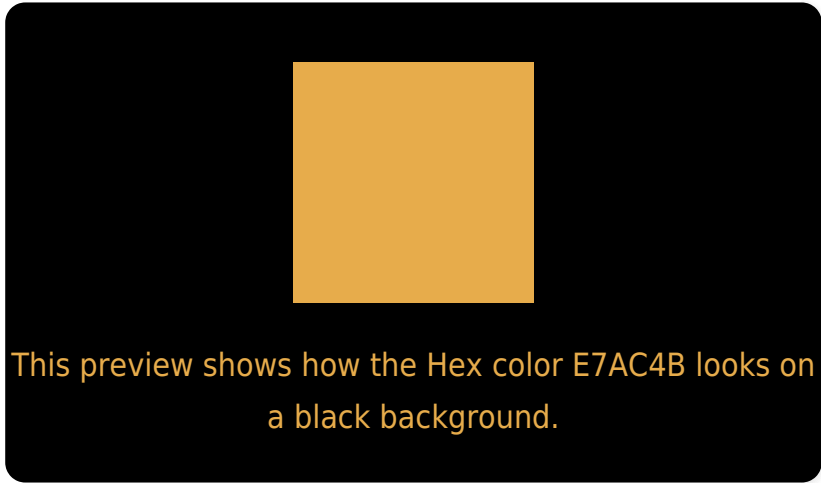
Large Text (above 18pt) WCAG AA × Fail

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 E7AC4B Background



This preview shows how black text looks on a background with the Hex color E7AC4B.



This preview shows how white text looks on a background with the Hex color E7AC4B.

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

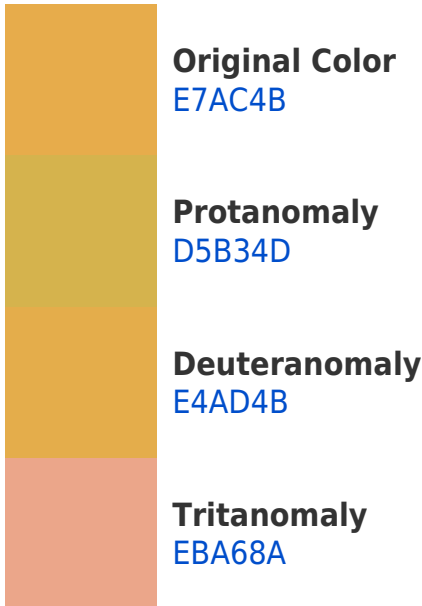


Original Color
E7AC4B

Protanopia
CBB74E

Deuteranopia
E3AE4B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7AC4B 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 #E7AC4B looks like.

```
.text, #text, p{  
    color:#E7AC4B  
}
```

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 #E7AC4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7AC4B
}
```

Border

The CSS property to change the border of an element to Hex E7AC4B 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
#E7AC4B }
```

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

```
.border{ border-color:#E7AC4B }
```

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

Here you see how a box with a 4 pixel #E7AC4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7AC4B; -webkit-box-shadow:4px 4px  
4px 4px #E7AC4B; box-shadow:4px 4px 4px  
4px #E7AC4B }
```

Background

The CSS property to change the background color of an element to Hex E7AC4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7AC4B }
```

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

```
.background{ background-color:#E7AC4B }
```

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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