

# Converting Colors

Hex(E7AD1B)

Have a look what the booklet for  
Hex(E7AD1B) contains.

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# **Color**

**Hex(E7AD1B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7AD1B
RGB	231, 173, 27
RGB Percent	91%, 68%, 11%
CMY	0.0941, 0.3216, 0.8941
CMYK	0.00, 0.25, 0.88, 0.09
HSL	43°, 81%, 51%
HSV	43°, 88%, 91%
XYZ	48.0964, 46.9552, 7.5652
YIQ	173.6980, 81.4340, -33.1100

# Conversions

## Conversions Part 2

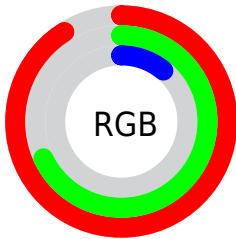
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 231, 27
Decimal	15183131
CIELab	74.16, 9.81, 73.23
CIELCh	74, 73.884, 82.367
Yxy	46.9552, 0.4687, 0.4576
Android (android.graphics.Color)	4293373211 (0xFFE7AD1B)
YUV	173.6980, -72.3221, 50.2539
Hunter-Lab	68.5239, 5.3711, 41.4209

# Details

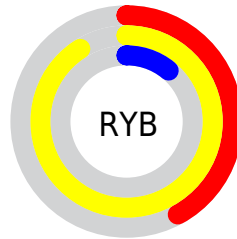
The Hex color **E7AD1B** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1B55E7**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **FFE45A**, and **AA7900** is the 20% darker color. If you saturate the color by 10%, you get **E7A604**, and if you desaturate by 10%, it is **E7B432**.

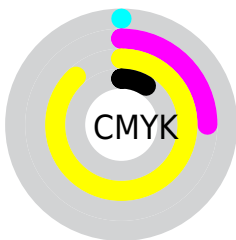
# Distribution



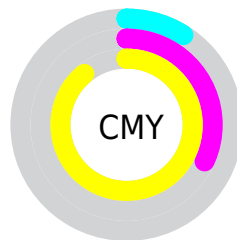
- Red (91%)
- Green (68%)
- Blue (11%)



- Red (42%)
- Yellow (91%)
- Blue (11%)



- Cyan (0%)
- Magenta (25%)
- Yellow (88%)
- Black (9%)



- Cyan (9%)
- Magenta (32%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7AD1B 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 E7AD1B by changing the saturation by 10% instead.



 E7AD1B

 E7AD1B

FFFFFF

 C89300

 FFE45A

 AA7900

 FFFF76

 8D6000

 FFFF92

 6F4900

 FFFFAE

 533300

 FFFFCB

 391E00

 FFFFEB

 210700

 000000

 E7AD1B

 E7AD1B

 E7A604

 E7B432

 E7A500

 E7BA49

 E7C160

 E7C777

 E7CE8E

 E7D4A6

 E7DBBD

 E7E2D4

 E7E8EB

# Harmonies

## Analogous

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



FF914B



E7AD1B



A7C226

# Triad

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



E7AD1B



00D6E8



F78DFF

# Complementary

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



E7AD1B



1B55E7

# 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.



95ACFF



E7AD1B



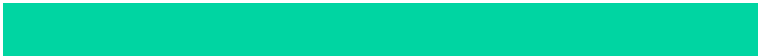
00D1FF

# Square

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



E7AD1B



00D5A2



00C3FF



FF76CB

# Rectangle

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



E7AD1B



72CB4A



00C3FF



DD98FF



# Sweetspot

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



E7AD1B



FFECBD



E71B58



807458



000000



808080



# Same Dimension

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



E7AD1B



FFB700



BEE71B



736F67



B38000



332500



# Inverse Universe

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



1B55E7



0048FF



441BE7



676B73



0033B3



000E33



# Previews

## White Background



This preview shows how the Hex color E7AD1B looks on a white background.

## Color Contrast Check

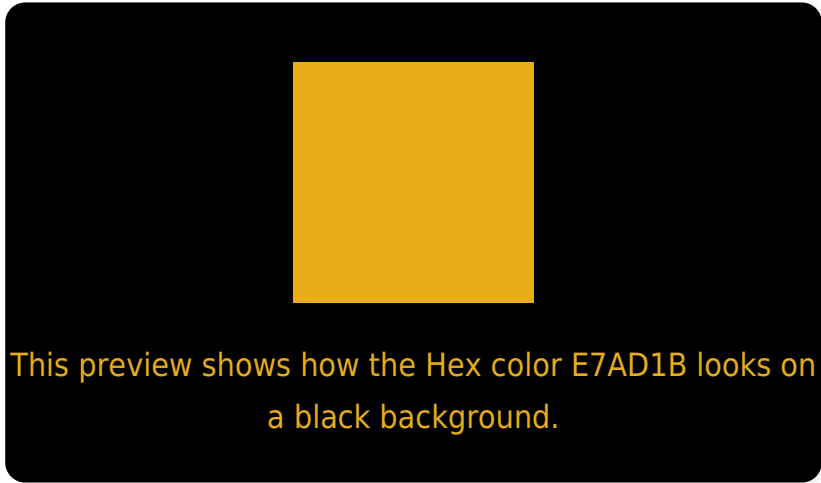
Large Text (above 18pt) WCAG AA × Fail

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 E7AD1B Background



This preview shows how black text looks on a background with the Hex color E7AD1B.



This preview shows how white text looks on a background with the Hex color E7AD1B.

# 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**  
E7AD1B

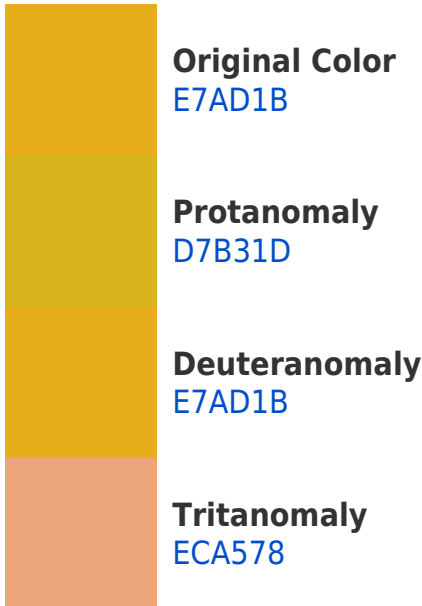
**Protanopia**  
CEB71E

**Deuteranopia**  
E7AD1B



**Tritanopia**  
EFA1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7AD1B 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 #E7AD1B looks like.

```
.text, #text, p{  
    color:#E7AD1B  
}
```

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 #E7AD1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7AD1B
}
```

## Border

The CSS property to change the border of an element to Hex E7AD1B 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
#E7AD1B }
```

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

```
.border{ border-color:#E7AD1B }
```

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

Here you see how a box with a 4 pixel #E7AD1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7AD1B; -webkit-box-shadow:4px 4px  
4px 4px #E7AD1B; box-shadow:4px 4px 4px  
4px #E7AD1B }
```

# Background

The CSS property to change the background color of an element to Hex E7AD1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7AD1B }
```

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

```
.background{ background-color:#E7AD1B }
```

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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