

# Converting Colors

Hex(E0AA1B)

Have a look what the booklet for  
Hex(E0AA1B) contains.

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# **Color**

**Hex(E0AA1B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0AA1B
RGB	224, 170, 27
RGB Percent	88%, 67%, 11%
CMY	0.1216, 0.3333, 0.8941
CMYK	0.00, 0.24, 0.88, 0.12
HSL	44°, 78%, 49%
HSV	44°, 88%, 88%
XYZ	45.3130, 44.6759, 7.2720
YIQ	169.8440, 78.0870, -33.0250

# Conversions

## Conversions Part 2

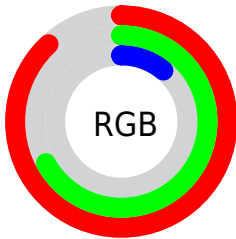
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 224, 27
Decimal	14723611
CIELab	72.68, 8.37, 71.75
CIELCh	73, 72.234, 83.349
Yxy	44.6759, 0.4659, 0.4593
Android (android.graphics.Color)	4292913691 (0xFFE0AA1B)
YUV	169.8440, -70.4221, 47.4948
Hunter-Lab	66.8400, 4.0409, 40.3375

# Details

The Hex color **E0AA1B** 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 **1B51E0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE159**, and **A47600** is the 20% darker color. If you saturate the color by 10%, you get **E0A405**, and if you desaturate by 10%, it is **E0B031**.

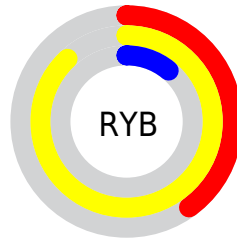
# Distribution



Red (88%)

Green (67%)

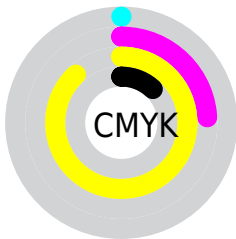
Blue (11%)



Red (40%)

Yellow (88%)

Blue (11%)

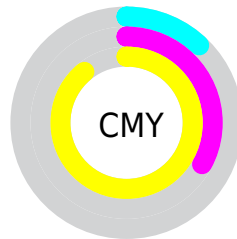


Cyan (0%)

Magenta (24%)

Yellow (88%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0AA1B 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 E0AA1B by changing the saturation by 10% instead.



 E0AA1B

 E0AA1B

FFFFFF

 C29000

 FFE159

 A47600

 FFFD75

 865E00

 FFFF91

 694600

 FFFFAD

 4E3000

 FFFFC4

 331C00

 FFFF7E

 1B0300

 000000

 E0AA1B

 E0AA1B

 E0A405

 E0B031

 E0A300

 E0B648

 E0BC5E

 E0C375

 E0C98B

 E0CFA1

 E0D5B8

 E0DBCE

 E0E1E5

# Harmonies

## Analogous

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



FF8F48



E0AA1B



A1BE28

# Triad

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



E0AA1B



00D1E5



F48AFF

# Complementary

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



E0AA1B



1B51E0

# 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.



97A7FF



E0AA1B



00CCFF

# Square

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



E0AA1B



00D1A1



00BEFF



FF73C4

# Rectangle

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



E0AA1B



6DC74B



00BEFF



DB93FF



# Sweetspot

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



E0AA1B



FFEDBD



E01B53



807558



000000



808080



# Same Dimension

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



E0AA1B



FFB900



B5E01B



706D65



B08000



302300



# Inverse Universe

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



1B51E0



0046FF



461BE0



656870



0030B0



000D30



# Previews

## White Background



This preview shows how the Hex color E0AA1B looks on a white background.

## Color Contrast Check

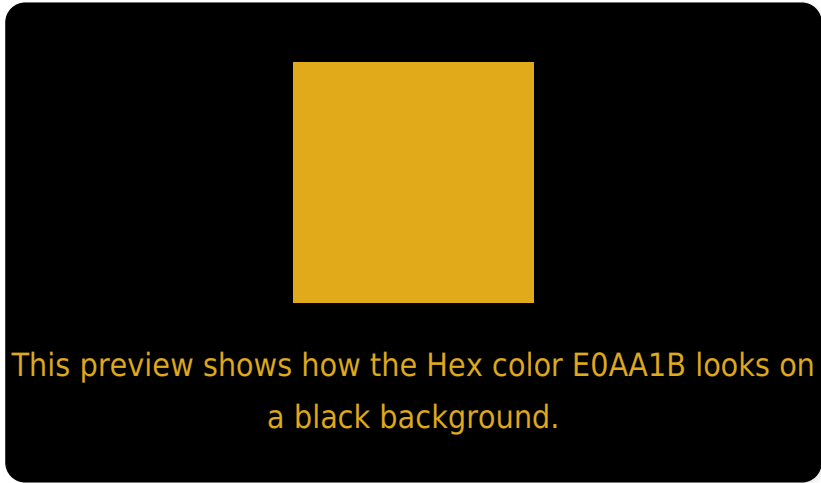
Large Text (above 18pt) WCAG AA × Fail

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 E0AA1B Background



This preview shows how black text looks on a background with the Hex color E0AA1B.



This preview shows how white text looks on a background with the Hex color E0AA1B.

# 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**  
E0AA1B

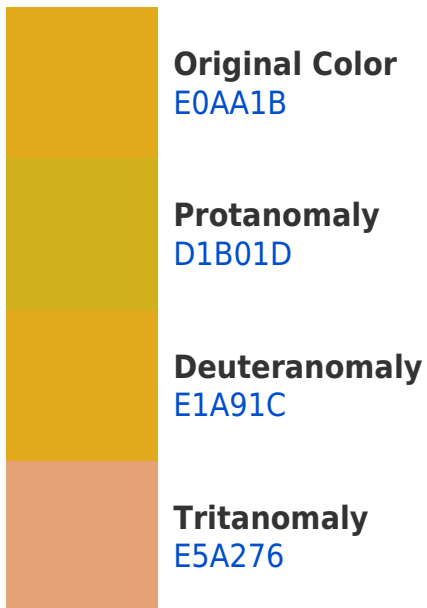
**Protanopia**  
C9B31E

**Deuteranopia**  
E1A91C

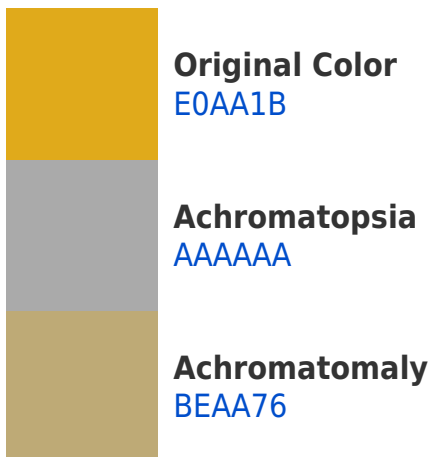


**Tritanopia**  
E89EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0AA1B 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 #E0AA1B looks like.

```
.text, #text, p{
  color:#E0AA1B
}
```

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 #E0AA1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0AA1B
}
```

## Border

The CSS property to change the border of an element to Hex E0AA1B 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
#E0AA1B }
```

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

```
.border{ border-color:#E0AA1B }
```

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

Here you see how a box with a 4 pixel #E0AA1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0AA1B; -webkit-box-shadow:4px 4px  
4px 4px #E0AA1B; box-shadow:4px 4px 4px  
4px #E0AA1B }
```

# Background

The CSS property to change the background color of an element to Hex E0AA1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0AA1B }
```

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

```
.background{ background-color:#E0AA1B }
```

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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