

# Converting Colors

Hex(E0AA2C)

Have a look what the booklet for  
Hex(E0AA2C) contains.

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# **Color**

**Hex(E0AA2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0AA2C
RGB	224, 170, 44
RGB Percent	88%, 67%, 17%
CMY	0.1216, 0.3333, 0.8275
CMYK	0.00, 0.24, 0.80, 0.12
HSL	42°, 74%, 53%
HSV	42°, 80%, 88%
XYZ	45.5698, 44.7786, 8.6242
YIQ	171.7820, 72.6300, -27.7380

# Conversions

## Conversions Part 2

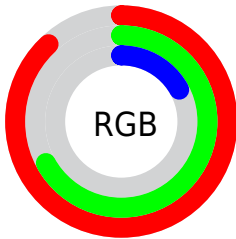
Format	Color
R <sub>Y</sub> B	121, 224, 44
Decimal	14723628
CIE Lab	72.75, 8.81, 67.12
CIE LCh	73, 67.694, 82.522
Yxy	44.7786, 0.4604, 0.4524
Android (android.graphics.Color)	4292913708 (0xFFE0AA2C)
YUV	171.7820, -62.9965, 45.7952
Hunter-Lab	66.9168, 4.4527, 39.2005

# Details

The Hex color **E0AA2C** 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 **2C62E0**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE165**, and **A47600** is the 20% darker color. If you saturate the color by 10%, you get **E0A316**, and if you desaturate by 10%, it is **E0B142**.

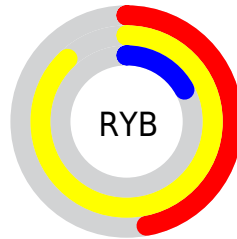
# Distribution



Red (88%)

Green (67%)

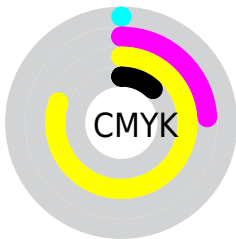
Blue (17%)



Red (47%)

Yellow (88%)

Blue (17%)

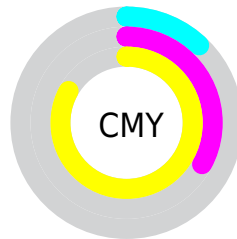


Cyan (0%)

Magenta (24%)

Yellow (80%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0AA2C 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 E0AA2C by changing the saturation by 10% instead.



 E0AA2C

 E0AA2C

FFFFFF

 C29002

 FFE165

 A47600

 FFFE80

 875E00

 FFFF9C

 6A4600

 FFFFB8

 4E3000

 FFFFD5

 341C00

 FFFFF2

 1C0300

 000000

 E0AA2C

 E0AA2C

 E0A316

 E0B142

 E09D00

 E0B759

 E0BE6F

 E0C586

 E0CC9C

 E0D2B2

 E0D9C9

 E0E0DF

 E0E6F6

# Harmonies

## Analogous

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



FF9151



E0AA2C



A5BD34

# Triad

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



E0AA2C



00D0E0



EF8EFF

# Complementary

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



E0AA2C



2C62E0

# 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.



97A9FF



E0AA2C



00CBFF

# Square

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



E0AA2C



00CFA0



00BEFF



FF7AC5

# Rectangle

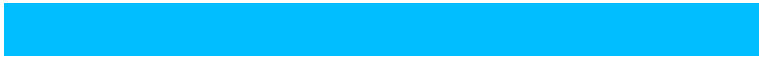
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0AA2C



75C651



00BEFF



D797FF



# Sweetspot

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



E0AA2C



FFEDC2



E02C62



80745B



000000



808080



# Same Dimension

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



E0AA2C



FFB60A



BCE02C



706D65



B07B00



302200



# Inverse Universe

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



2C62E0



0A54FF



502CE0



656870



0035B0



000F30



# Previews

## White Background



This preview shows how the Hex color E0AA2C looks on a white background.

## Color Contrast Check

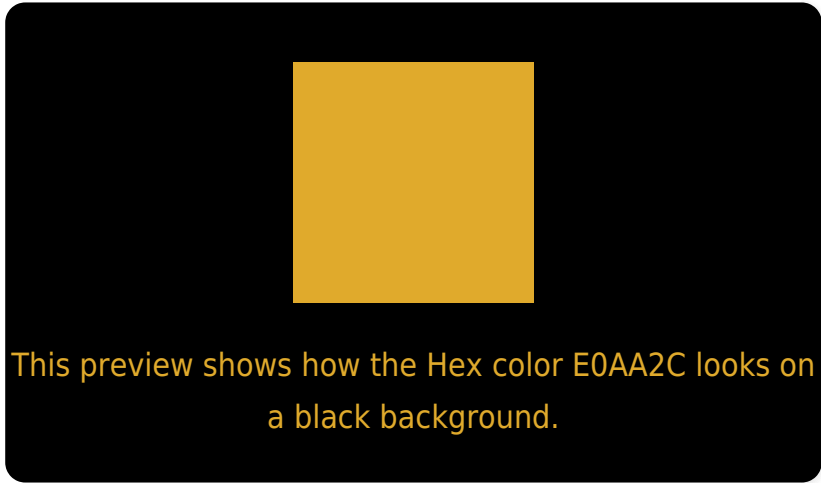
Large Text (above 18pt) WCAG AA × Fail

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 E0AA2C Background



This preview shows how black text looks on a background with the Hex color E0AA2C.

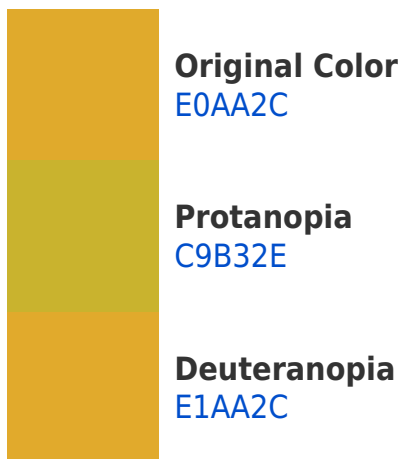


This preview shows how white text looks on a background with the Hex color E0AA2C.

# Color Blindness Simulation

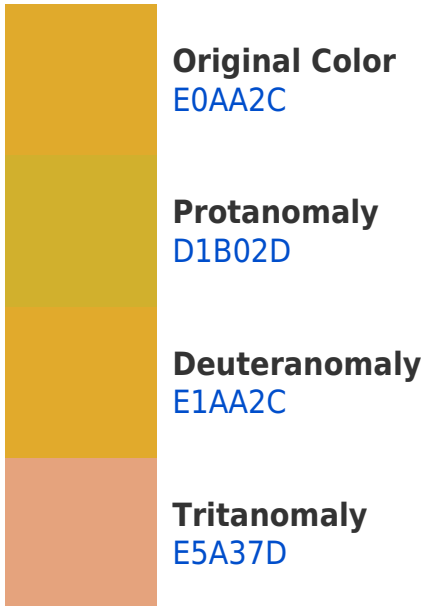
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

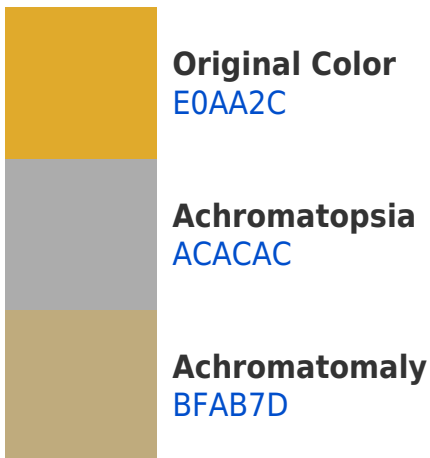




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0AA2C 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 #E0AA2C looks like.

```
.text, #text, p{  
    color:#E0AA2C  
}
```

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 #E0AA2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0AA2C
}
```

## Border

The CSS property to change the border of an element to Hex E0AA2C 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
#E0AA2C }
```

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

```
.border{ border-color:#E0AA2C }
```

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

Here you see how a box with a 4 pixel #E0AA2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0AA2C; -webkit-box-shadow:4px 4px  
4px 4px #E0AA2C; box-shadow:4px 4px 4px  
4px #E0AA2C }
```

# Background

The CSS property to change the background color of an element to Hex E0AA2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0AA2C }
```

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

```
.background{ background-color:#E0AA2C }
```

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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