

# Converting Colors

Hex(E8AC0D)

Have a look what the booklet for  
Hex(E8AC0D) contains.

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**Color**

**Hex(E8AC0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8AC0D
RGB	232, 172, 13
RGB Percent	91%, 67%, 5%
CMY	0.0902, 0.3255, 0.9490
CMYK	0.00, 0.26, 0.94, 0.09
HSL	44°, 89%, 48%
HSV	44°, 94%, 91%
XYZ	48.1039, 46.6899, 6.8575
YIQ	171.8140, 86.7990, -36.7290

# Conversions

## Conversions Part 2

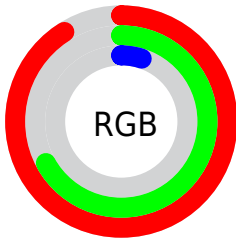
Format	Color
<a href="#">RYB</a>	<a href="#">96, 232, 13</a>
Decimal	<a href="#">15248397</a>
CIELab	<a href="#">73.99, 10.57, 75.58</a>
CIElCh	<a href="#">74, 76.319, 82.041</a>
Yxy	<a href="#">46.6899, 0.4732, 0.4593</a>
Android (android.graphics.Color)	<a href="#">4293438477</a> ( <a href="#">0xFFE8AC0D</a> )
YUV	<a href="#">171.8140, -78.2953, 52.7831</a>
Hunter-Lab	<a href="#">68.3300, 6.0853, 41.8808</a>

# Details

The Hex color **E8AC0D** 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 **0D49E8**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE354**, and **AB7800** is the 20% darker color. If you saturate the color by 10%, you get **E8A800**, and if you desaturate by 10%, it is **E8B224**.

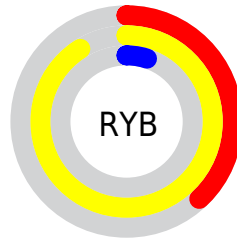
# Distribution



Red (91%)

Green (67%)

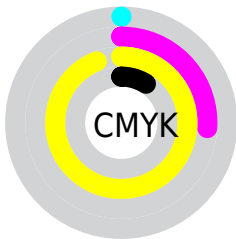
Blue (5%)



Red (38%)

Yellow (91%)

Blue (5%)

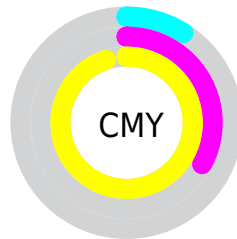


Cyan (0%)

Magenta (26%)

Yellow (94%)

Black (9%)



Cyan (9%)

Magenta (33%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8AC0D 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 E8AC0D by changing the saturation by 10% instead.



 E8AC0D

 E8AC0D

FFFFFF

 C99200

 FFE354

 AB7800

 FFFF70

 8D6000

 FFFF8C

 704800

 FFFFA9

 543200

 FFFFC5

 391D00

 FFFF E3

 210600

 000000

 E8AC0D

 E8AC0D

 E8A800

 E8B224

 E8B93B

 E8BF53

 E8C56A

 E8CC81

 E8D298

 E8D8AF

 E8DFC7

 E8E5DE

# Harmonies

## Analogous

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



FF8F47



E8AC0D



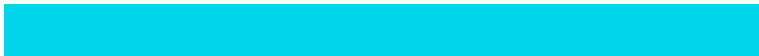
A7C21B

# Triad

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



E8AC0D



00D6E9



F88BFF

# Complementary

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



E8AC0D



0D49E8

# 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.



90ABFF



E8AC0D



00D1FF

# Square

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



E8AC0D



00D5A0



00C4FF



FF72CC

# Rectangle

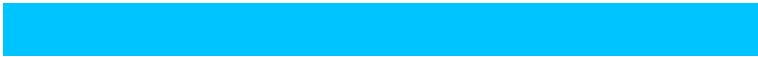
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E8AC0D



6FCB44



00C4FF



DD96FF



# Sweetspot

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



E8AC0D



FFEBB8



E80D4B



807454



000000



808080



# Same Dimension

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



E8AC0D



FFB900



B9E80D



737067



B38200



332500



# Inverse Universe

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



0D49E8



0046FF



3C0DE8



676A73



0031B3



000E33



# Previews

## White Background



This preview shows how the Hex color E8AC0D looks on a white background.

## Color Contrast Check

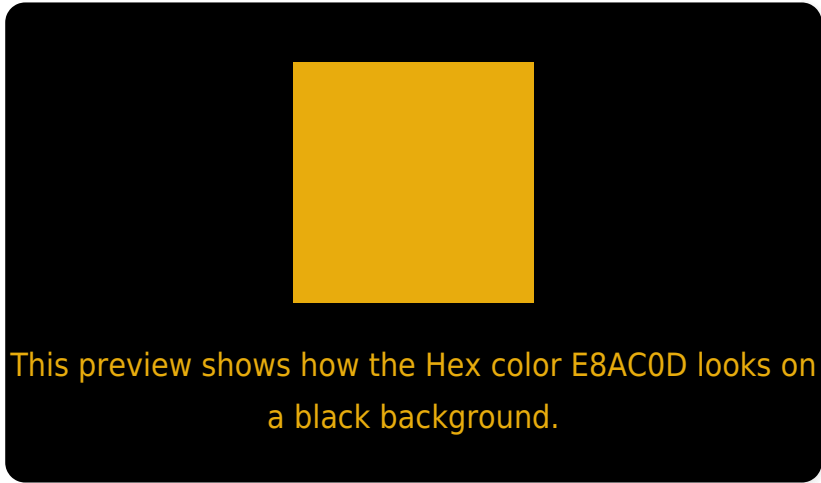
Large Text (above 18pt) WCAG AA × Fail

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 E8AC0D Background



This preview shows how black text looks on a background with the Hex color E8AC0D.



This preview shows how white text looks on a background with the Hex color E8AC0D.

# 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



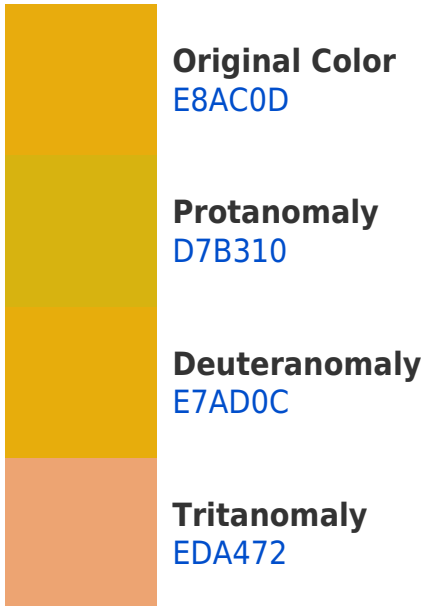
**Original Color**  
E8AC0D

**Protanopia**  
CDB712

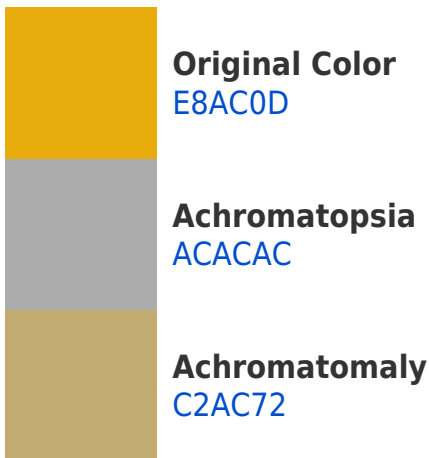
**Deuteranopia**  
E6AD0B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8AC0D 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 #E8AC0D looks like.

```
.text, #text, p{  
    color:#E8AC0D  
}
```

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 #E8AC0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8AC0D
}
```

## Border

The CSS property to change the border of an element to Hex E8AC0D 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
#E8AC0D }
```

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

```
.border{ border-color:#E8AC0D }
```

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

Here you see how a box with a 4 pixel #E8AC0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8AC0D; -webkit-box-shadow:4px 4px  
4px 4px #E8AC0D; box-shadow:4px 4px 4px  
4px #E8AC0D }
```

# Background

The CSS property to change the background color of an element to Hex E8AC0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8AC0D }
```

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

```
.background{ background-color:#E8AC0D }
```

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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