

# Converting Colors

Hex(E1AC01)

Have a look what the booklet for  
Hex(E1AC01) contains.

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**Color**

**Hex(E1AC01)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1AC01
RGB	225, 172, 1
RGB Percent	88%, 67%, 0%
CMY	0.1176, 0.3255, 0.9961
CMYK	0.00, 0.24, 1.00, 0.12
HSL	46°, 99%, 44%
HSV	46°, 100%, 88%
XYZ	45.8093, 45.5148, 6.3995
YIQ	168.3530, 86.4790, -41.9450

# Conversions

## Conversions Part 2

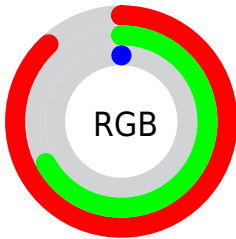
Format	Color
<a href="#">RYB</a>	<a href="#">70, 225, 1</a>
Decimal	<a href="#">14789633</a>
CIELab	<a href="#">73.23, 7.41, 76.08</a>
CIELCh	<a href="#">73, 76.444, 84.437</a>
Yxy	<a href="#">45.5148, 0.4688, 0.4657</a>
Android (android.graphics.Color)	<a href="#">4292979713</a> ( <a href="#">0xFFE1AC01</a> )
YUV	<a href="#">168.3530, -82.5050, 49.6794</a>
Hunter-Lab	<a href="#">67.4647, 3.1406, 41.6011</a>

# Details

The Hex color **E1AC01** 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 **0136E1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFE350**, and **A47800** is the 20% darker color. If you saturate the color by 10%, you get **E1AC00**, and if you desaturate by 10%, it is **E1B118**.

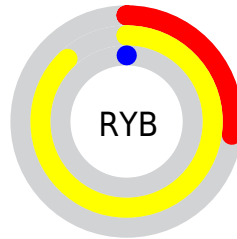
# Distribution



Red (88%)

Green (67%)

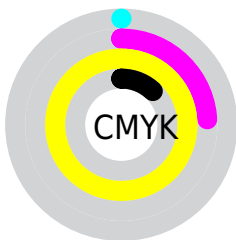
Blue (0%)



Red (27%)

Yellow (88%)

Blue (0%)

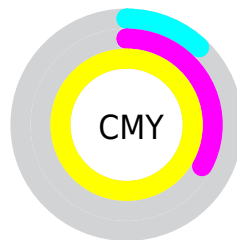


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1AC01 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 E1AC01 by changing the saturation by 10% instead.



 E1AC01

 E1AC01

FFFFFF

 C29200

 FFE350

 A47800

 FFFF6C

 876000

 FFFF89

 6A4800

 FFFFA5

 4E3200

 FFFFC2

 341D00

 FFFFDF

 1C0500

 FFFFFD

 000000

 E1AC01

 E1AC01

■ E1AC00

■ E1B118

■ E1B72E

■ E1BC44

■ E1C15B

■ E1C772

■ E1CC88

■ E1D19F

■ E1D7B5

■ E1DCCB

# Harmonies

## Analogous

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



FF8F40



E1AC01



9EC11C

# Triad

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



E1AC01



00D4EC



FB87FF

# Complementary

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



E1AC01



0136E1

# 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.



99A7FF



E1AC01



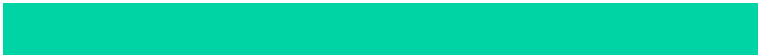
00CFFF

# Square

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



E1AC01



00D4A4



00C0FF



FF6EC4

# Rectangle

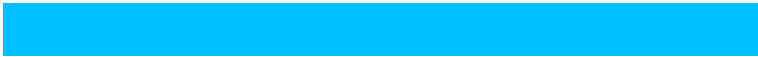
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1AC01



64CA47



00C0FF



E292FF

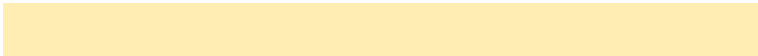


# Sweetspot

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



E1AC01



FFEDB3



E10139



807552



000000



808080



# Same Dimension

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



E1AC01



FFC300



A9E101



706E65



B08600



302500



# Inverse Universe

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



0136E1



003CFF



3901E1



656870



002AB0



000B30



# Previews

## White Background



This preview shows how the Hex color E1AC01 looks on a white background.

## Color Contrast Check

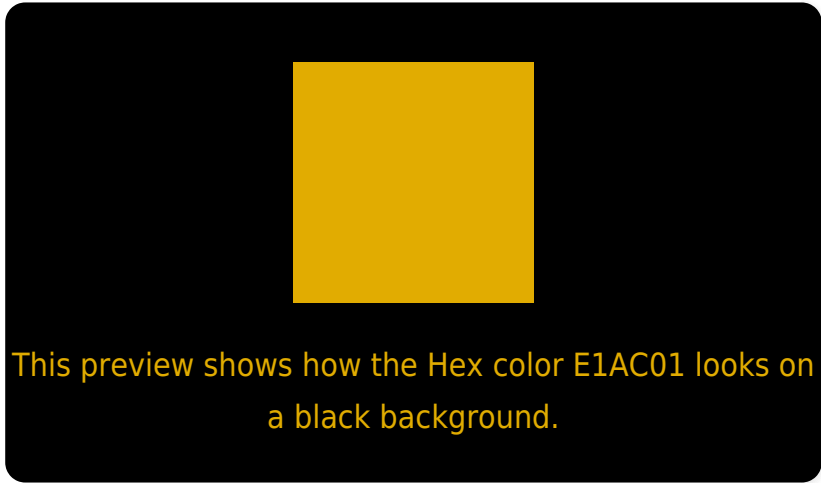
Large Text (above 18pt) WCAG AA × Fail

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 E1AC01 Background



This preview shows how black text looks on a background with the Hex color E1AC01.



This preview shows how white text looks on a background with the Hex color E1AC01.

# 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**  
E1AC01

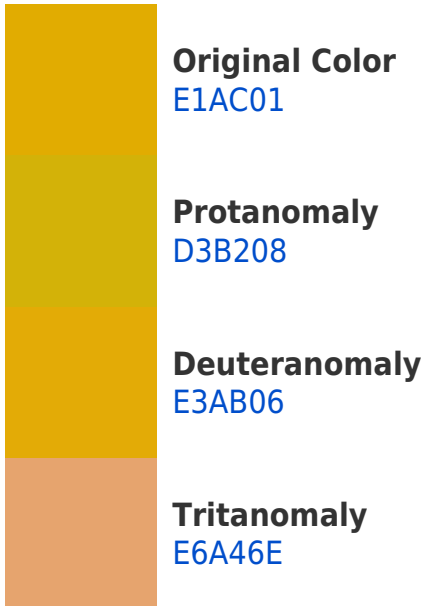
**Protanopia**  
CBB50C

**Deuteranopia**  
E4AB09

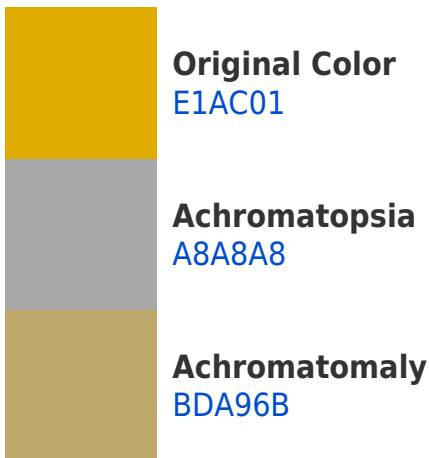


**Tritanopia**  
E9A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1AC01 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 #E1AC01 looks like.

```
.text, #text, p{  
    color:#E1AC01  
}
```

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 #E1AC01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1AC01
}
```

## Border

The CSS property to change the border of an element to Hex E1AC01 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
#E1AC01 }
```

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

```
.border{ border-color:#E1AC01 }
```

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

Here you see how a box with a 4 pixel #E1AC01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1AC01; -webkit-box-shadow:4px 4px  
4px 4px #E1AC01; box-shadow:4px 4px 4px  
4px #E1AC01 }
```

# Background

The CSS property to change the background color of an element to Hex E1AC01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1AC01 }
```

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

```
.background{ background-color:#E1AC01 }
```

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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