

Converting Colors

Hex(E1AD00)

Have a look what the booklet for
Hex(E1AD00) contains.

Hex(E1AD00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E1AD00)

Conversions

Conversions Part 1

Format	Color
Hex	E1AD00
RGB	225, 173, 0
RGB Percent	88%, 68%, 0%
CMY	0.1176, 0.3216, 1.0000
CMYK	0.00, 0.23, 1.00, 0.12
HSL	46°, 100%, 44%
HSV	46°, 100%, 88%
XYZ	45.9949, 45.8947, 6.4344
YIQ	168.8260, 86.5250, -42.7790

Conversions

Conversions Part 2

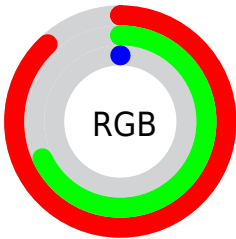
Format	Color
RYB	68, 225, 0
Decimal	14789888
CIELab	73.48, 6.87, 76.37
CIELCh	73, 76.678, 84.859
Yxy	45.8947, 0.4678, 0.4668
Android (android.graphics.Color)	4292979968 (0xFFE1AD00)
YUV	168.8260, -83.2312, 49.2646
Hunter-Lab	67.7456, 2.6351, 41.7907

Details

The Hex color **E1AD00** 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 **0034E1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE44F**, and **A47900** is the 20% darker color. If you saturate the color by 10%, you get **E1AD00**, and if you desaturate by 10%, it is **E1B216**.

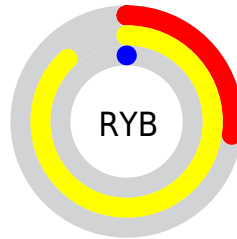
Distribution



Red (88%)

Green (68%)

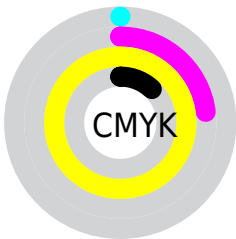
Blue (0%)



Red (27%)

Yellow (88%)

Blue (0%)

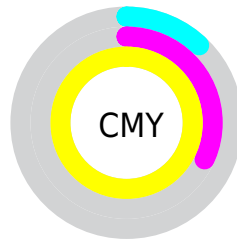


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1AD00 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 E1AD00 by changing the saturation by 10% instead.

 E1AD00

 E1AD00

FFFFFF

 C29300

 FFE44F

 A47900

 FFFF6C

 876100

 FFFF89

 6A4900

 FFFFA5

 4E3300

 FFFFC2

 341E00

 FFFFDF

 1C0700

 FFFFFD

 000000

 E1AD00

 E1B216

 E1B72D

 E1BD44

 E1C25A

 E1C771

 E1CC87

 E1D19D

 E1D7B4

 E1DCCB

Harmonies

Analogous

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



FF903F



E1AD00



9EC21D

Triad

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



E1AD00



00D5EE



FD87FF

Complementary

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



E1AD00



0034E1

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.



9CA7FF



E1AD00



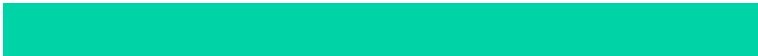
00CFFF

Square

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



E1AD00



00D4A6



00C0FF



FF6FC4

Rectangle

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



E1AD00



63CB48



00C0FF



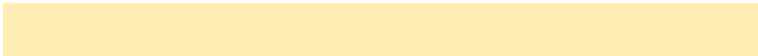
E492FF

Sweetspot

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



E1AD00



FFEDB3



E10035



807552



000000



808080

Same Dimension

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



E1AD00



FFC400



A5E100



706E65



B08700



302500

Inverse Universe

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



0034E1



003BFF



3C00E1



656870



0029B0



000B30

Previews

White Background



This preview shows how the Hex color E1AD00 looks on a white background.

Color Contrast Check

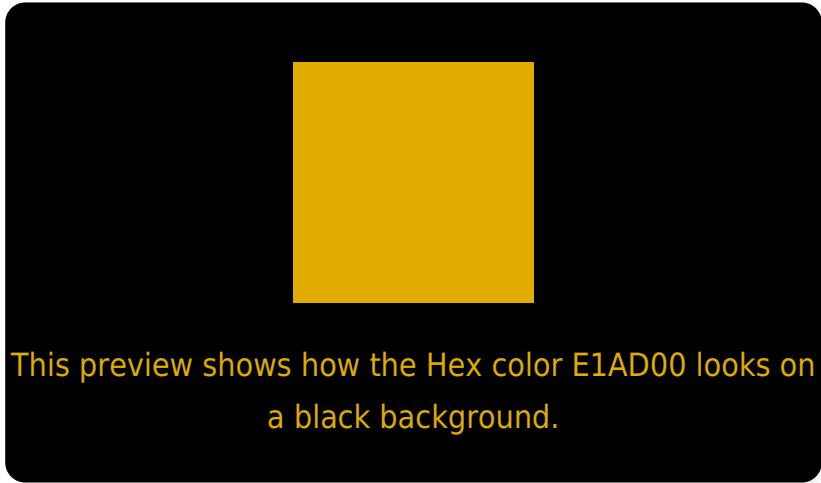
Large Text (above 18pt) WCAG AA × Fail

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 E1AD00 Background



This preview shows how black text looks on a background with the Hex color E1AD00.



This preview shows how white text looks on a background with the Hex color E1AD00.

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

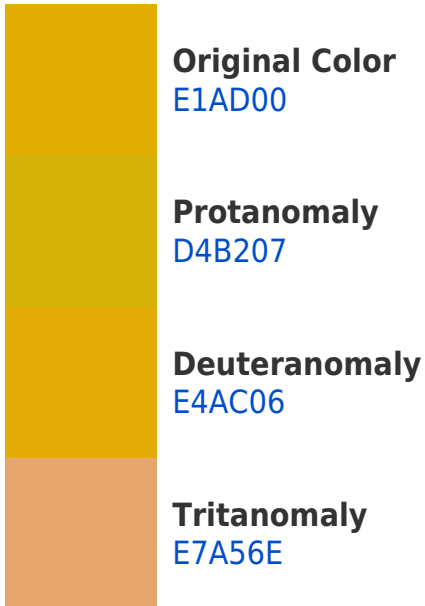


Original Color
E1AD00

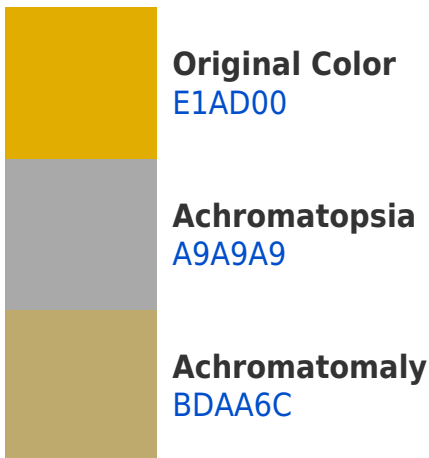
Protanopia
CCB50B

Deuteranopia
E5AB0A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1AD00 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 #E1AD00 looks like.

```
.text, #text, p{  
    color:#E1AD00  
}
```

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 #E1AD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1AD00
}
```

Border

The CSS property to change the border of an element to Hex E1AD00 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
#E1AD00 }
```

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

```
.border{ border-color:#E1AD00 }
```

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

Here you see how a box with a 4 pixel #E1AD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1AD00; -webkit-box-shadow:4px 4px  
4px 4px #E1AD00; box-shadow:4px 4px 4px  
4px #E1AD00 }
```

Background

The CSS property to change the background color of an element to Hex E1AD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1AD00 }
```

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

```
.background{ background-color:#E1AD00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor