

# Converting Colors

Hex(E4AD30)

Have a look what the booklet for  
Hex(E4AD30) contains.

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# **Color**

**Hex(E4AD30)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4AD30
RGB	228, 173, 48
RGB Percent	89%, 68%, 19%
CMY	0.1059, 0.3216, 0.8118
CMYK	0.00, 0.24, 0.79, 0.11
HSL	42°, 77%, 54%
HSV	42°, 79%, 89%
XYZ	47.4720, 46.5945, 9.2879
YIQ	175.1950, 72.9050, -27.2150

# Conversions

## Conversions Part 2

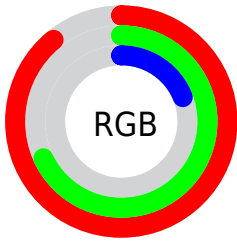
Format	Color
<a href="#">RYB</a>	<a href="#">127, 228, 48</a>
Decimal	<a href="#">14986544</a>
CIELab	<a href="#">73.93, 9.08, 67.01</a>
CIELCh	<a href="#">74, 67.623, 82.284</a>
Yxy	<a href="#">46.5945, 0.4593, 0.4508</a>
Android (android.graphics.Color)	<a href="#">4293176624</a> ( <a href="#">0xFFE4AD30</a> )
YUV	<a href="#">175.1950, -62.7071, 46.3100</a>
Hunter-Lab	<a href="#">68.2602, 4.6837, 39.7148</a>

# Details

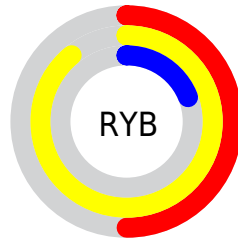
The Hex color **E4AD30** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **3067E4**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE468**, and **A87900** is the 20% darker color. If you saturate the color by 10%, you get **E4A619**, and if you desaturate by 10%, it is **E4B447**.

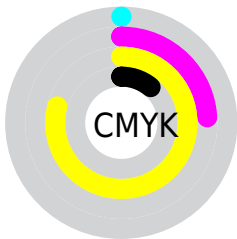
# Distribution



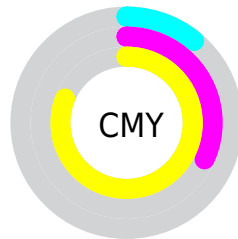
- Red (89%)
- Green (68%)
- Blue (19%)



- Red (50%)
- Yellow (89%)
- Blue (19%)



- Cyan (0%)
- Magenta (24%)
- Yellow (79%)
- Black (11%)



- Cyan (11%)
- Magenta (32%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4AD30 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 E4AD30 by changing the saturation by 10% instead.



 E4AD30

 E4AD30

FFFFFF

 C6930A

 FFE468

 A87900

 FFFF84

 8A6000

 FFFF9F

 6E4900

 FFFFBC

 523300

 FFFFD8

 371E00

 FFFFF6

 1F0700

 000000

 E4AD30

 E4AD30

 E4A619

 E4B447

 E49F02

 E4BB5E

 E49E00

 E4C274

 E4C98B

 E4D0A2

 E4D7B9

 E4DED0

 E4E5E6

 E4ECFD

# Harmonies

## Analogous

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



FF9454



E4AD30



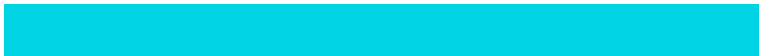
A9C037

# Triad

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



E4AD30



00D3E3



F291FF

# Complementary

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



E4AD30



3067E4

# 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.



9AACFF



E4AD30



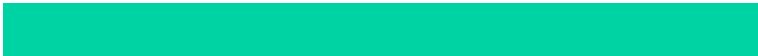
00CEFF

# Square

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



E4AD30



00D3A3



00C1FF



FF7DC9

# Rectangle

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



E4AD30



79C954



00C1FF



DA9AFF



# Sweetspot

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



E4AD30



FFECC2



E43069



80745B



000000



808080



# Same Dimension

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



E4AD30



FFB50D



C3E430



736F67



B37C00



332300



# Inverse Universe

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



3067E4



0D57FF



5130E4



676B73



0037B3



001033



# Previews

## White Background



This preview shows how the Hex color E4AD30 looks on a white background.

## Color Contrast Check

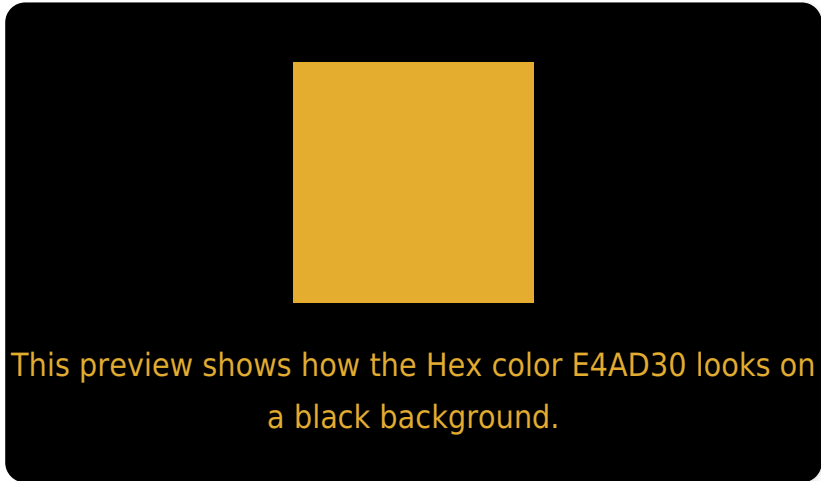
Large Text (above 18pt) WCAG AA × Fail

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 E4AD30 Background



This preview shows how black text looks on a background with the Hex color E4AD30.

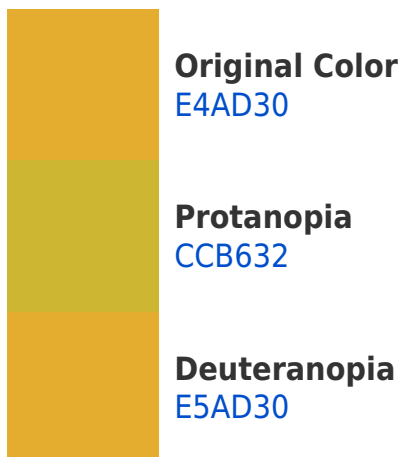


This preview shows how white text looks on a background with the Hex color E4AD30.

# Color Blindness Simulation

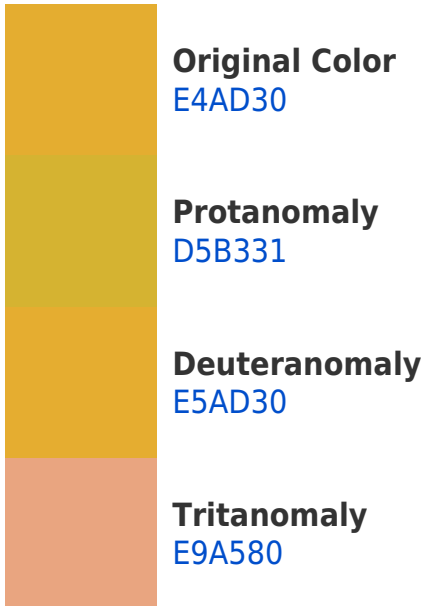
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

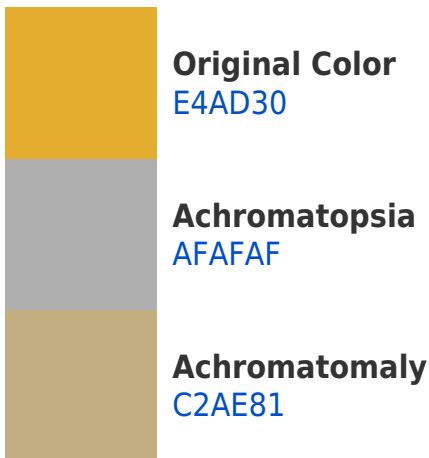




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4AD30 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 #E4AD30 looks like.

```
.text, #text, p{  
    color:#E4AD30  
}
```

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 #E4AD30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4AD30
}
```

## Border

The CSS property to change the border of an element to Hex E4AD30 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
#E4AD30 }
```

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

```
.border{ border-color:#E4AD30 }
```

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

Here you see how a box with a 4 pixel #E4AD30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4AD30; -webkit-box-shadow:4px 4px  
4px 4px #E4AD30; box-shadow:4px 4px 4px  
4px #E4AD30 }
```

# Background

The CSS property to change the background color of an element to Hex E4AD30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4AD30 }
```

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

```
.background{ background-color:#E4AD30 }
```

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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