

# Converting Colors

Hex(E6AB2D)

Have a look what the booklet for  
Hex(E6AB2D) contains.

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# **Color**

**Hex(E6AB2D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6AB2D
RGB	230, 171, 45
RGB Percent	90%, 67%, 18%
CMY	0.0980, 0.3294, 0.8235
CMYK	0.00, 0.26, 0.80, 0.10
HSL	41°, 79%, 54%
HSV	41°, 80%, 90%
XYZ	47.6697, 46.1383, 8.8757
YIQ	174.2770, 75.6100, -26.6780

# Conversions

## Conversions Part 2

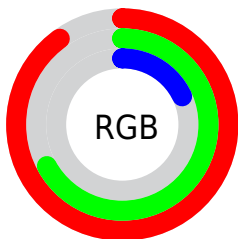
Format	Color
R <sub>Y</sub> B	132, 230, 45
Decimal	15117101
CIE Lab	73.64, 10.90, 67.82
CIE LCh	74, 68.695, 80.872
Yxy	46.1383, 0.4642, 0.4493
Android (android.graphics.Color)	4293307181 (0xFFE6AB2D)
YUV	174.2770, -63.7336, 48.8691
Hunter-Lab	67.9252, 6.4018, 39.8002

# Details

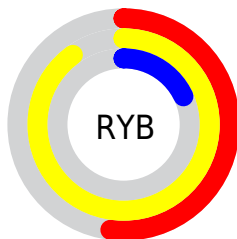
The Hex color **E6AB2D** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2D68E6**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **FFE266**, and **A97700** is the 20% darker color. If you saturate the color by 10%, you get **E6A416**, and if you desaturate by 10%, it is **E6B244**.

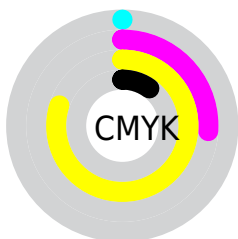
# Distribution



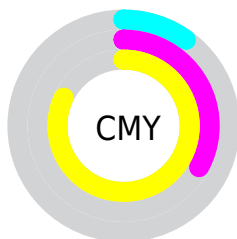
- Red (90%)
- Green (67%)
- Blue (18%)



- Red (52%)
- Yellow (90%)
- Blue (18%)



- Cyan (0%)
- Magenta (26%)
- Yellow (80%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6AB2D 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 E6AB2D by changing the saturation by 10% instead.



 E6AB2D

 E6AB2D

FFFFFF

 C89103

 FFE266

 A97700

 FFFF81

 8C5F00

 FFFF9D

 6F4700

 FFFFB9

 533100

 FFFFD6

 381C00

 FFFFF3

 210400

 000000

 E6AB2D

 E6AB2D

 E6A416

 E6B244

 E69D00

 E6BA5B

 E6C172

 E6C889

 E6D0A0

 E6D7B7

 E6DECE

 E6E6E5

 E6EDFC

# Harmonies

## Analogous

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



FF9254



E6AB2D



ABBF32

# Triad

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



E6AB2D



00D3E0



EE91FF

# Complementary

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



E6AB2D



2D68E6

# 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.



92ACFF



E6AB2D



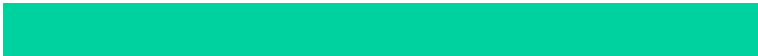
00CEFF

# Square

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



E6AB2D



00D29F



00C2FF



FF7CCB

# Rectangle

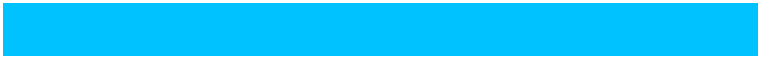
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6AB2D



7BC84F



00C2FF



D69AFF



# Sweetspot

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



E6AB2D



FFEBC2



E62D6B



80745B



000000



808080



# Same Dimension

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



E6AB2D



FFB008



C7E62D



736F67



B37A00



332300



# Inverse Universe

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



2D68E6



0857FF



4C2DE6



676B73



0039B3



001033



# Previews

## White Background



This preview shows how the Hex color E6AB2D looks on a white background.

## Color Contrast Check

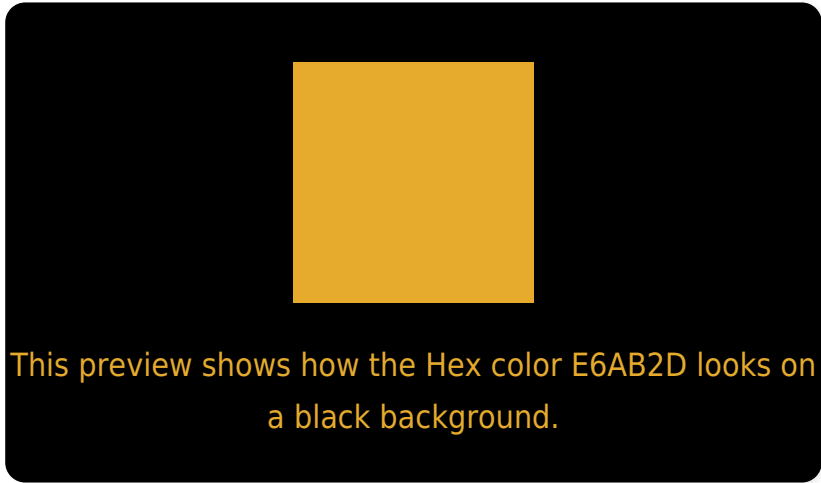
Large Text (above 18pt) WCAG AA × Fail

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 E6AB2D Background



This preview shows how black text looks on a background with the Hex color E6AB2D.



This preview shows how white text looks on a background with the Hex color E6AB2D.

# 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



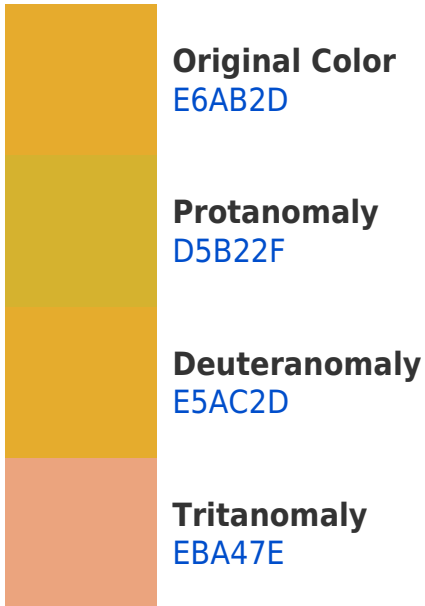
**Original Color**  
E6AB2D

**Protanopia**  
CBB630

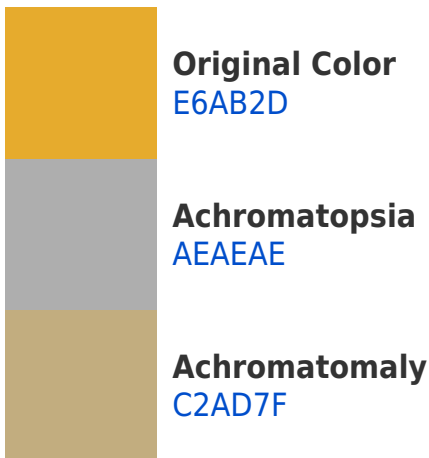
**Deuteranopia**  
E4AC2D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6AB2D 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 #E6AB2D looks like.

```
.text, #text, p{  
    color:#E6AB2D  
}
```

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 #E6AB2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6AB2D
}
```

## Border

The CSS property to change the border of an element to Hex E6AB2D 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
#E6AB2D }
```

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

```
.border{ border-color:#E6AB2D }
```

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

Here you see how a box with a 4 pixel #E6AB2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6AB2D; -webkit-box-shadow:4px 4px  
4px 4px #E6AB2D; box-shadow:4px 4px 4px  
4px #E6AB2D }
```

# Background

The CSS property to change the background color of an element to Hex E6AB2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6AB2D }
```

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

```
.background{ background-color:#E6AB2D }
```

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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