

# Converting Colors

Hex(E09C3D)

Have a look what the booklet for  
Hex(E09C3D) contains.

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# **Color**

**Hex(E09C3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E09C3D
RGB	224, 156, 61
RGB Percent	88%, 61%, 24%
CMY	0.1216, 0.3882, 0.7608
CMYK	0.00, 0.30, 0.73, 0.12
HSL	35°, 72%, 56%
HSV	35°, 73%, 88%
XYZ	43.4712, 39.9611, 9.8370
YIQ	165.5020, 71.0230, -15.1290

# Conversions

## Conversions Part 2

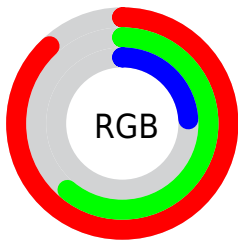
Format	Color
<a href="#">RYB</a>	<a href="#">178, 224, 61</a>
Decimal	<a href="#">14720061</a>
CIELab	<a href="#">69.44, 16.95, 57.57</a>
CIElCh	<a href="#">69, 60.015, 73.595</a>
Yxy	<a href="#">39.9611, 0.4661, 0.4284</a>
Android (android.graphics.Color)	<a href="#">4292910141</a> ( <a href="#">0xFFE09C3D</a> )
YUV	<a href="#">165.5020, -51.5195, 51.3027</a>
Hunter-Lab	<a href="#">63.2148, 12.1240, 35.0242</a>

# Details

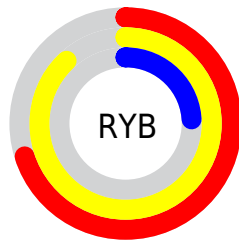
The Hex color **E09C3D** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **3D81E0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFD272**, and **A46900** is the 20% darker color. If you saturate the color by 10%, you get **E09327**, and if you desaturate by 10%, it is **E0A553**.

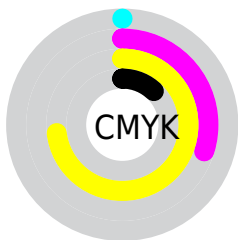
# Distribution



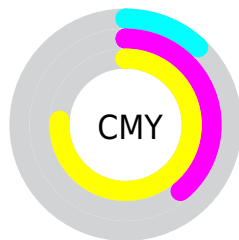
- Red (88%)
- Green (61%)
- Blue (24%)



- Red (70%)
- Yellow (88%)
- Blue (24%)



- Cyan (0%)
- Magenta (30%)
- Yellow (73%)
- Black (12%)



- Cyan (12%)
- Magenta (39%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E09C3D 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 E09C3D by changing the saturation by 10% instead.



 E09C3D

 E09C3D

FFFFFF

 C28222

 FFD272

 A46900

 FFEF8C

 875100

 FFFFA8

 6A3A00

 FFFFC4

 4E2400

 FFFFEO

 340F00

FFFFFFE

 1C0001

 000000

 E09C3D

 E09C3D

 E09327

 E0A553

 E08910

 E0AF6A

 E08300

 E0B880

 E0C197

 E0CBAD

 E0D4C3

 E0DDDA

 E0E7F0

 E0F0FF

# Harmonies

## Analogous

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



FF8761



E09C3D



B0AF37

# Triad

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



E09C3D



00C4C1



CD91F9

# Complementary

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



E09C3D



3D81E0

# 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.



74A7FF



E09C3D



00C1F3

# Square

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



E09C3D



00C289



00B8FF



FE7DCA

# Rectangle

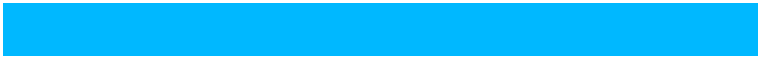
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E09C3D



89B849



00B8FF



B498FF

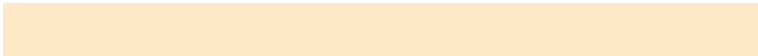


# Sweetspot

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



E09C3D



FFE8C7



E03D84



80725E



000000



808080



# Same Dimension

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



E09C3D



FFA221



D5E03D



706C65



B06700



301C00



# Inverse Universe

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



3D81E0



217EFF



483DE0



656A70



0049B0



001430



# Previews

## White Background



This preview shows how the Hex color E09C3D looks on a white background.

## Color Contrast Check

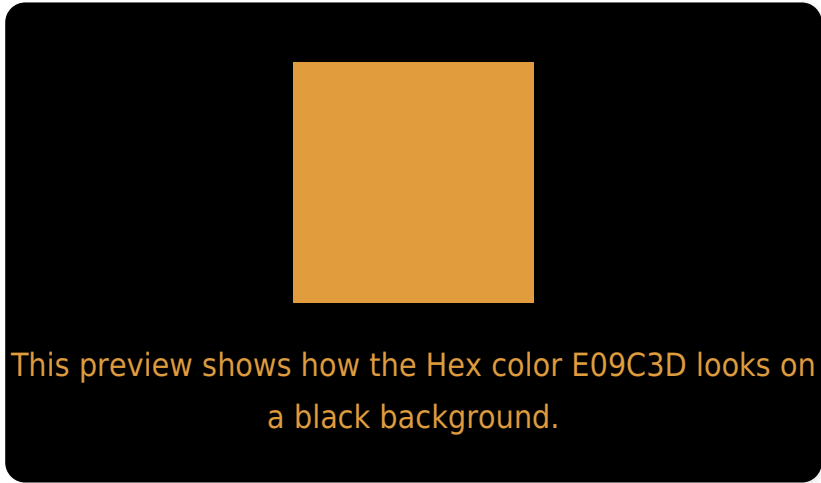
Large Text (above 18pt) WCAG AA × Fail

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

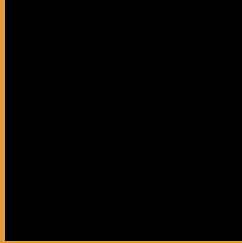
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E09C3D Background



This preview shows how black text looks on a background with the Hex color E09C3D.



This preview shows how white text looks on a background with the Hex color E09C3D.

# 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**  
E09C3D

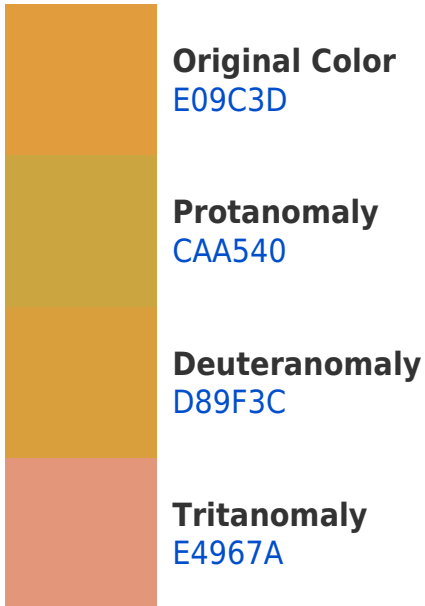
**Protanopia**  
BEAA41

**Deuteranopia**  
D4A13B

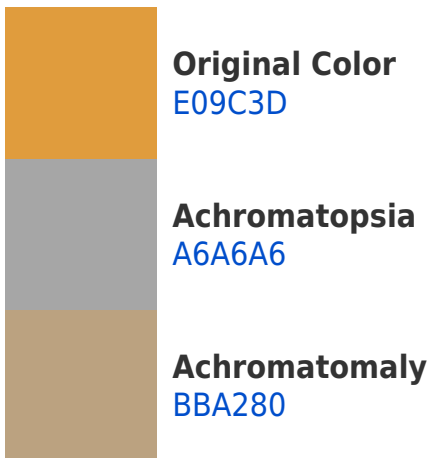


**Tritanopia**  
E6929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E09C3D 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 #E09C3D looks like.

```
.text, #text, p{  
    color:#E09C3D  
}
```

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 #E09C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E09C3D
}
```

## Border

The CSS property to change the border of an element to Hex E09C3D 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
#E09C3D }
```

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

```
.border{ border-color:#E09C3D }
```

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

Here you see how a box with a 4 pixel #E09C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E09C3D; -webkit-box-shadow:4px 4px  
4px 4px #E09C3D; box-shadow:4px 4px 4px  
4px #E09C3D }
```

# Background

The CSS property to change the background color of an element to Hex E09C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E09C3D }
```

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

```
.background{ background-color:#E09C3D }
```

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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