

# Converting Colors

Hex(E09D00)

Have a look what the booklet for  
Hex(E09D00) contains.

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**Color**

**Hex(E09D00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E09D00
RGB	224, 157, 0
RGB Percent	88%, 62%, 0%
CMY	0.1216, 0.3843, 1.0000
CMYK	0.00, 0.30, 1.00, 0.12
HSL	42°, 100%, 44%
HSV	42°, 100%, 88%
XYZ	42.7974, 39.9612, 5.4576
YIQ	159.1350, 90.3290, -34.6230

# Conversions

## Conversions Part 2

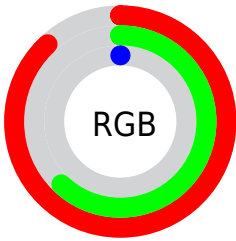
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 224, 0
Decimal	14720256
CIE <sub>Lab</sub>	69.44, 14.95, 73.57
CIE <sub>LCh</sub>	69, 75.076, 78.514
Yxy	39.9612, 0.4851, 0.4530
Android (android.graphics.Color)	4292910336 (0xFFE09D00)
YUV	159.1350, -78.4536, 56.8866
Hunter-Lab	63.2149, 10.2211, 39.1317

# Details

The Hex color **E09D00** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0043E0**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD34C**, and **A36A00** is the 20% darker color. If you saturate the color by 10%, you get **E09D00**, and if you desaturate by 10%, it is **E0A416**.

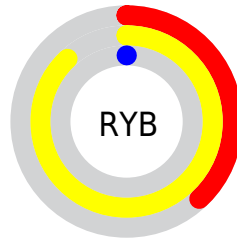
# Distribution



Red (88%)

Green (62%)

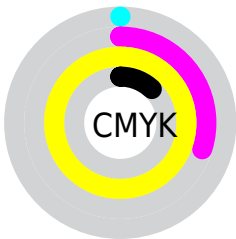
Blue (0%)



Red (38%)

Yellow (88%)

Blue (0%)

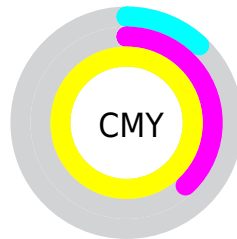


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (38%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E09D00 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 E09D00 by changing the saturation by 10% instead.



 E09D00

 E09D00

FFFFFF

 C18300

 FFD34C

 A36A00

 FFF069

 855200

 FFFF85

 683B00

 FFFFA1

 4C2500

 FFFFBD

 321100

 FFFFDA

 190001

 FFFFF8

 000000

 E09D00

 E0A416

 E0AA2D

 E0B143

 E0B85A

 E0BF70

 E0C586

 E0CC9D

 E0D3B3

 E0D9CA

# Harmonies

## Analogous

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



FF8044



E09D00



A2B300

# Triad

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



E09D00



00C9D3



E184FF

# Complementary

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



E09D00



0043E0

# 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.



70A3FF



E09D00



00C5FF

# Square

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



E09D00



00C78C



00B9FF



FF68C7

# Rectangle

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



E09D00



6FBD33



00B9FF



C48EFF

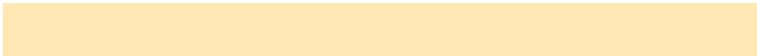


# Sweetspot

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



E09D00



FFE8B3



E00043



807252



000000



808080



# Same Dimension

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



E09D00



FFB300



B3E000



706D65



B07B00



302200



# Inverse Universe

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



0043E0



004CFF



2D00E0



656870



0035B0

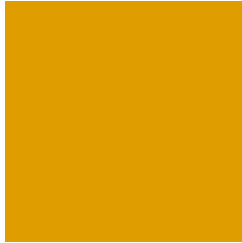


000E30



# Previews

## White Background



This preview shows how the Hex color E09D00 looks on a white background.

## Color Contrast Check

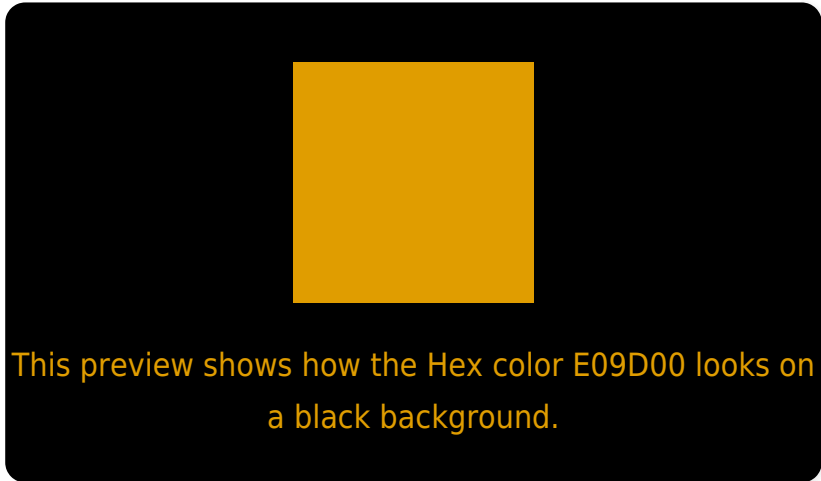
Large Text (above 18pt) WCAG AA × Fail

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 E09D00 Background



This preview shows how black text looks on a background with the Hex color E09D00.

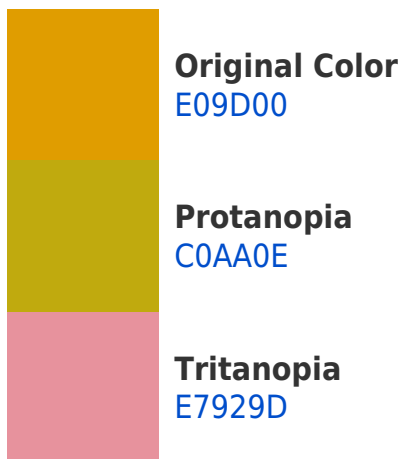


This preview shows how white text looks on a background with the Hex color E09D00.

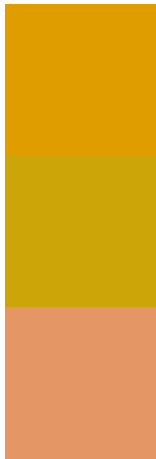
# Color Blindness Simulation

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



**Original Color**  
E09D00

**Protanomaly**  
CCA509

**Tritanomaly**  
E49664

# Monochromacy



**Original Color**  
E09D00

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
B79E65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E09D00 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 #E09D00 looks like.

```
.text, #text, p{  
    color:#E09D00  
}
```

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 #E09D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E09D00
}
```

## Border

The CSS property to change the border of an element to Hex E09D00 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
#E09D00 }
```

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

```
.border{ border-color:#E09D00 }
```

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

Here you see how a box with a 4 pixel #E09D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E09D00; -webkit-box-shadow:4px 4px  
4px 4px #E09D00; box-shadow:4px 4px 4px  
4px #E09D00 }
```

# Background

The CSS property to change the background color of an element to Hex E09D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E09D00 }
```

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

```
.background{ background-color:#E09D00 }
```

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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