

# Converting Colors

Hex(E09B07)

Have a look what the booklet for  
Hex(E09B07) contains.

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**Color**

**Hex(E09B07)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E09B07
RGB	224, 155, 7
RGB Percent	88%, 61%, 3%
CMY	0.1216, 0.3922, 0.9725
CMYK	0.00, 0.31, 0.97, 0.12
HSL	41°, 94%, 45%
HSV	41°, 97%, 88%
XYZ	42.5002, 39.3053, 5.5477
YIQ	158.7590, 88.6320, -31.4000

# Conversions

## Conversions Part 2

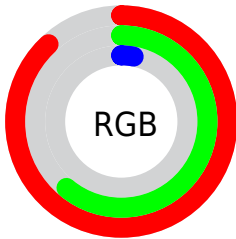
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 224, 7</a>
Decimal	<a href="#">14719751</a>
CIELab	<a href="#">68.97, 16.09, 72.36</a>
CIELCh	<a href="#">69, 74.125, 77.467</a>
Yxy	<a href="#">39.3053, 0.4865, 0.4500</a>
Android (android.graphics.Color)	<a href="#">4292909831</a> ( <a href="#">0xFFE09B07</a> )
YUV	<a href="#">158.7590, -74.8172, 57.2164</a>
Hunter-Lab	<a href="#">62.6940, 11.2905, 38.6393</a>

# Details

The Hex color **E09B07** 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 **074CE0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFD14E**, and **A36800** is the 20% darker color. If you saturate the color by 10%, you get **E09900**, and if you desaturate by 10%, it is **E0A21D**.

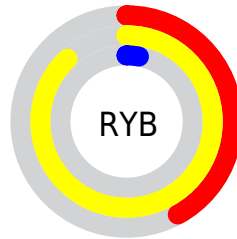
# Distribution



Red (88%)

Green (61%)

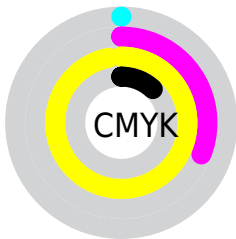
Blue (3%)



Red (42%)

Yellow (88%)

Blue (3%)

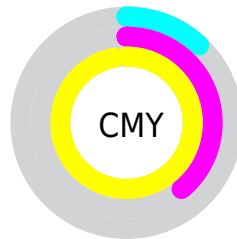


Cyan (0%)

Magenta (31%)

Yellow (97%)

Black (12%)



Cyan (12%)

Magenta (39%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E09B07 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 E09B07 by changing the saturation by 10% instead.



 E09B07

 E09B07

FFFFFF

 C18100

 FFD14E

 A36800

 FFED6A

 855000

 FFFF86

 683900

 FFFFA2

 4C2300

 FFFFBF

 320F00

 FFFFDC

 180001

 FFFFF9

 000000

 E09B07

 E09B07

■ E09900

■ E0A21D

■ E0A934

■ E0B04A

■ E0B761

■ E0BF77

■ E0C68D

■ E0CDA4

■ E0D4BA

■ E0DBD1

# Harmonies

## Analogous

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



FF7E46



E09B07



A4B100

# Triad

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



E09B07



00C7CF



DC84FF

# Complementary

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



E09B07



074CE0

# 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.



6AA2FF



E09B07



00C4FF

# Square

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



E09B07



00C689



00B8FF



FF69C7

# Rectangle

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



E09B07



71BB31



00B8FF



BF8FFF

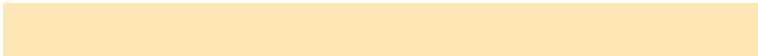


# Sweetspot

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



E09B07



FFE7B5



E0074F



807153



000000



808080



# Same Dimension

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



E09B07



FFAE00



BCE007



706D65



B07800



302100



# Inverse Universe

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



074CE0



0051FF



2B07E0



656970



0038B0



000F30



# Previews

## White Background



This preview shows how the Hex color E09B07 looks on a white background.

## Color Contrast Check

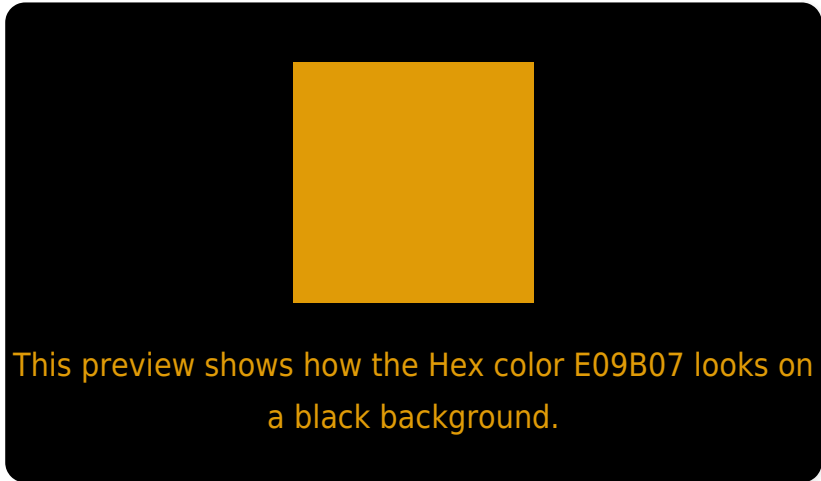
Large Text (above 18pt) WCAG AA × Fail

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 E09B07 Background



This preview shows how black text looks on a background with the Hex color E09B07.



This preview shows how white text looks on a background with the Hex color E09B07.

# 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**  
E09B07

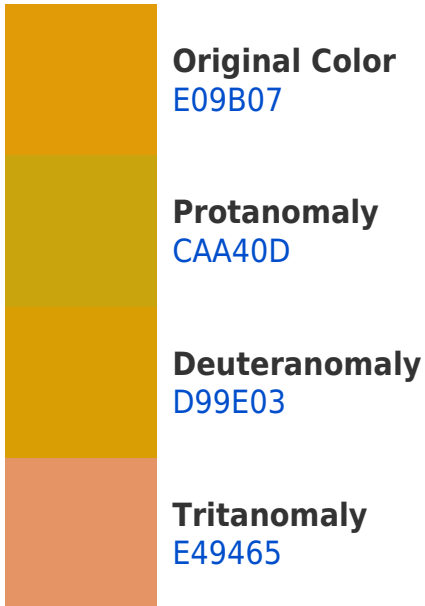
**Protanopia**  
BEA910

**Deuteranopia**  
D5A000



**Tritanopia**  
E7909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E09B07 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 #E09B07 looks like.

```
.text, #text, p{  
    color:#E09B07  
}
```

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 #E09B07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E09B07
}
```

## Border

The CSS property to change the border of an element to Hex E09B07 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
#E09B07 }
```

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

```
.border{ border-color:#E09B07 }
```

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

Here you see how a box with a 4 pixel #E09B07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E09B07; -webkit-box-shadow:4px 4px  
4px 4px #E09B07; box-shadow:4px 4px 4px  
4px #E09B07 }
```

# Background

The CSS property to change the background color of an element to Hex E09B07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E09B07 }
```

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

```
.background{ background-color:#E09B07 }
```

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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