

# Converting Colors

Hex(E08C0C)

Have a look what the booklet for  
Hex(E08C0C) contains.

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# **Color**

**Hex(E08C0C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E08C0C
RGB	224, 140, 12
RGB Percent	88%, 55%, 5%
CMY	0.1216, 0.4510, 0.9529
CMYK	0.00, 0.37, 0.95, 0.12
HSL	36°, 90%, 46%
HSV	36°, 95%, 88%
XYZ	40.1849, 34.6300, 4.9141
YIQ	150.5240, 91.1520, -22.0000

# Conversions

## Conversions Part 2

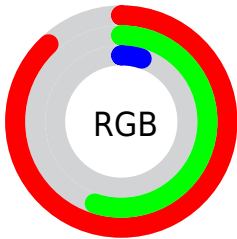
Format	Color
<b>RYB</b>	151, 224, 12
Decimal	14715916
CIELab	65.46, 24.15, 69.24
CIElCh	65, 73.332, 70.770
Yxy	34.6300, 0.5040, 0.4343
Android (android.graphics.Color)	4292905996 (0xFFE08C0C)
YUV	150.5240, -68.2923, 64.4385
Hunter-Lab	58.8473, 18.9092, 36.2420

# Details

The Hex color **E08C0C** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **0C60E0**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC24D**, and **A25A00** is the 20% darker color. If you saturate the color by 10%, you get **E08700**, and if you desaturate by 10%, it is **E09522**.

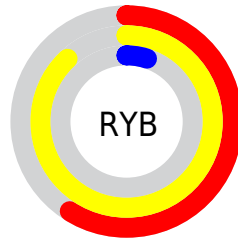
# Distribution



Red (88%)

Green (55%)

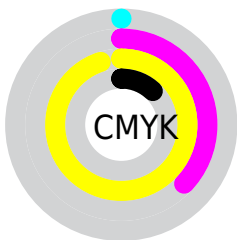
Blue (5%)



Red (59%)

Yellow (88%)

Blue (5%)

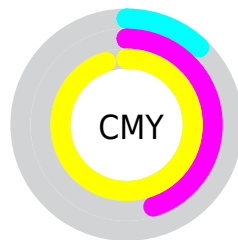


Cyan (0%)

Magenta (37%)

Yellow (95%)

Black (12%)



Cyan (12%)

Magenta (45%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E08C0C 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 E08C0C by changing the saturation by 10% instead.



 E08C0C

 E08C0C

FFFFFF

 C17200

 FFC24D

 A25A00

 FFDE69

 844200

 FFFA84

 672B00

 FFFFA0

 4B1500

 FFFFBC

 300000

 FFFFD9

 0C0000

 FFFFF6

 000000

 E08C0C

 E08C0C

 E08700

 E09522

 E09E39

 E0A74F

 E0B066

 E0B87C

 E0C192

 E0CAA9

 E0D3BF

 E0DCD6

# Harmonies

## Analogous

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



FF6F4C



E08C0C



A8A300

# Triad

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



E08C0C



00BDB6



BF82FF

# Complementary

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



E08C0C



0C60E0

# 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.



1E9FFF



E08C0C



00BBF4

# Square

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



E08C0C



00BA71



00B2FF



FE64CC

# Rectangle

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



E08C0C



7AAE18



00B2FF



9E8DFF

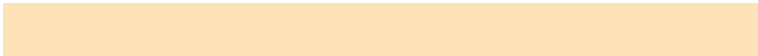


# Sweetspot

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



E08C0C



FFE3B8



E00C61



806E54



000000



808080



# Same Dimension

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



E08C0C



FF9A00



CBE00C



706C65



B06A00



301D00



# Inverse Universe

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



0C60E0



0065FF



210CE0



656970



0046B0



001330



# Previews

## White Background



This preview shows how the Hex color E08C0C looks on a white background.

## Color Contrast Check

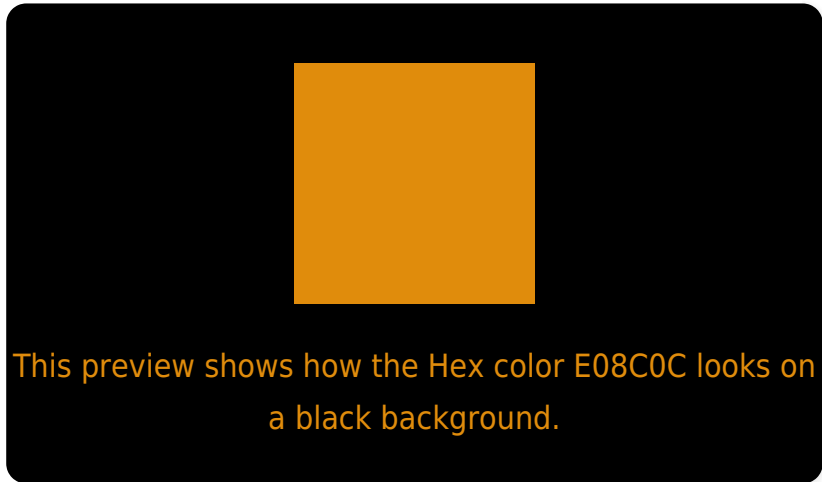
Large Text (above 18pt) WCAG AA × Fail

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 E08C0C Background



This preview shows how black text looks on a background with the Hex color E08C0C.



This preview shows how white text looks on a background with the Hex color E08C0C.

# 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**  
E08C0C

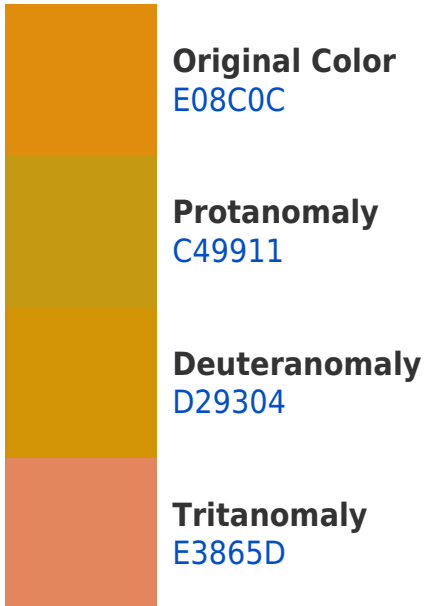
**Protanopia**  
B4A014

**Deuteranopia**  
CA9700



**Tritanopia**  
E5828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E08C0C 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 #E08C0C looks like.

```
.text, #text, p{  
    color:#E08C0C  
}
```

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 #E08C0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E08C0C
}
```

## Border

The CSS property to change the border of an element to Hex E08C0C 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
#E08C0C }
```

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

```
.border{ border-color:#E08C0C }
```

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

Here you see how a box with a 4 pixel #E08C0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E08C0C; -webkit-box-shadow:4px 4px  
4px 4px #E08C0C; box-shadow:4px 4px 4px  
4px #E08C0C }
```

# Background

The CSS property to change the background color of an element to Hex E08C0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E08C0C }
```

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

```
.background{ background-color:#E08C0C }
```

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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