

# Converting Colors

Hex(E07E10)

Have a look what the booklet for  
Hex(E07E10) contains.

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**Color**

**Hex(E07E10)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E07E10
RGB	224, 126, 16
RGB Percent	88%, 49%, 6%
CMY	0.1216, 0.5059, 0.9373
CMYK	0.00, 0.44, 0.93, 0.12
HSL	32°, 87%, 47%
HSV	32°, 93%, 88%
XYZ	38.2949, 30.8064, 4.4181
YIQ	142.7620, 93.7180, -13.4340

# Conversions

## Conversions Part 2

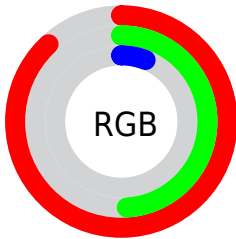
Format	Color
R <sub>Y</sub> B	201, 224, 16
Decimal	14712336
CIE Lab	62.34, 31.60, 66.35
CIE LCh	62, 73.492, 64.531
Yxy	30.8064, 0.5209, 0.4190
Android (android.graphics.Color)	4292902416 (0xFFE07E10)
YUV	142.7620, -62.4937, 71.2457
Hunter-Lab	55.5035, 26.0255, 34.1330

# Details

The Hex color **E07E10** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1072E0**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB34D**, and **A24C00** is the 20% darker color. If you saturate the color by 10%, you get **E07600**, and if you desaturate by 10%, it is **E08926**.

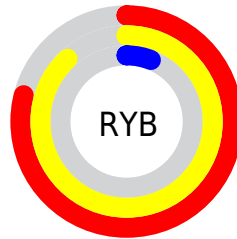
# Distribution



Red (88%)

Green (49%)

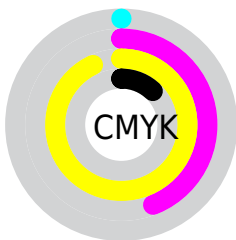
Blue (6%)



Red (79%)

Yellow (88%)

Blue (6%)

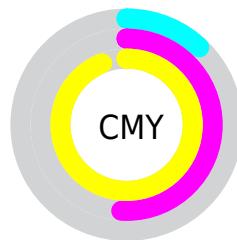


Cyan (0%)

Magenta (44%)

Yellow (93%)

Black (12%)



Cyan (12%)

Magenta (51%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E07E10 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 E07E10 by changing the saturation by 10% instead.



 E07E10

 E07E10

FFFFFF

 C16400

 FF34D

 A24C00

 FFCF68

 843400

 FFEC83

 661C00

 FFFF9E

 490200

 FFFFBA

 300000

 FFFFD7

 000000

 FFFFF4

 E07E10

 E07E10

 E07600

 E08926

 E0933D

 E09E53

 E0A86A

 E0B380

 E0BD96

 E0C8AD

 E0D2C3

 E0DDDA

# Harmonies

## Analogous

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



FF6050



E07E10



AC9700

# Triad

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



E07E10



00B49F



A281FF

# Complementary

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



E07E10



1072E0

# 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.



009CFF



E07E10



00B3DF

# Square

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



E07E10



00B15B



00ACFF



EC60D0

# Rectangle

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



E07E10



81A300



00ACFF



7B8BFF



# Sweetspot

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



E07E10



FFDDB8



E01075



806B54



000000



808080



# Same Dimension

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



E07E10



FF8700



DDE010



706B65



B05D00



301A00



# Inverse Universe

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



1072E0



0078FF



1310E0



656A70



0053B0



001730



# Previews

## White Background



This preview shows how the Hex color E07E10 looks on a white background.

## Color Contrast Check

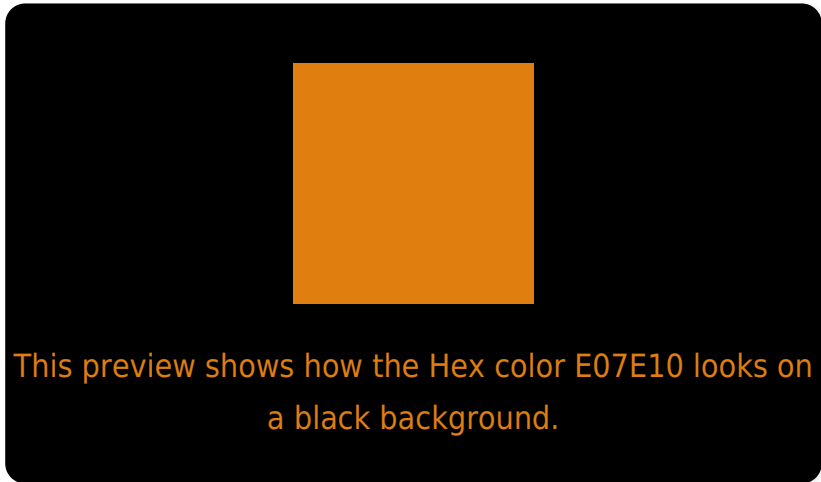
Large Text (above 18pt) WCAG AA × Fail

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 E07E10 Background



This preview shows how black text looks on a background with the Hex color E07E10.



This preview shows how white text looks on a background with the Hex color E07E10.

# 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**  
E07E10

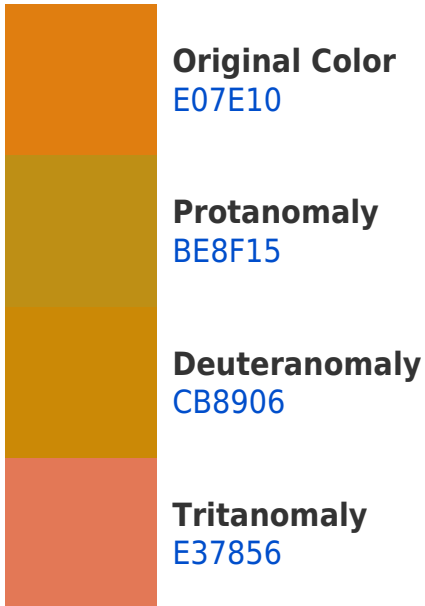
**Protanopia**  
AA9818

**Deuteranopia**  
BF8F00

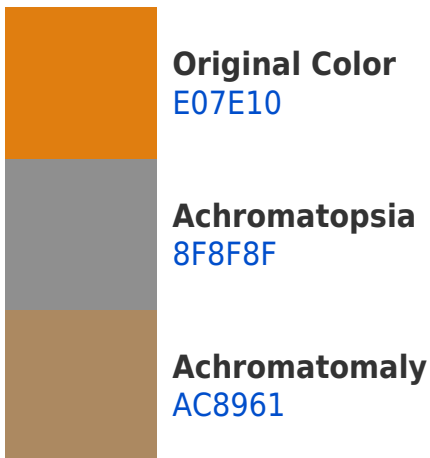


**Tritanopia**  
E4757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E07E10 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 #E07E10 looks like.

```
.text, #text, p{  
    color:#E07E10  
}
```

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 #E07E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E07E10  
}
```

## Border

The CSS property to change the border of an element to Hex E07E10 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  
#E07E10 }
```

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

```
.border{ border-color:#E07E10 }
```

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

Here you see how a box with a 4 pixel #E07E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E07E10; -webkit-box-shadow:4px 4px  
4px 4px #E07E10; box-shadow:4px 4px 4px  
4px #E07E10 }
```

# Background

The CSS property to change the background color of an element to Hex E07E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E07E10 }
```

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

```
.background{ background-color:#E07E10 }
```

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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