

# Converting Colors

Hex(E06847)

Have a look what the booklet for  
Hex(E06847) contains.

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**Color**

**Hex(E06847)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E06847
RGB	224, 104, 71
RGB Percent	88%, 41%, 28%
CMY	0.1216, 0.5922, 0.7216
CMYK	0.00, 0.54, 0.68, 0.12
HSL	13°, 71%, 58%
HSV	13°, 68%, 88%
XYZ	36.8281, 26.2029, 9.0778
YIQ	136.1180, 82.1130, 15.1770

# Conversions

## Conversions Part 2

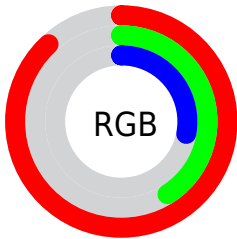
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 113, 71
Decimal	14706759
CIE <sub>Lab</sub>	58.23, 44.56, 40.61
CIE <sub>LCh</sub>	58, 60.291, 42.342
Yxy	26.2029, 0.5107, 0.3634
Android (android.graphics.Color)	4292896839 (0xFFE06847)
YUV	136.1180, -32.1032, 77.0725
Hunter-Lab	51.1887, 38.8429, 25.3176

# Details

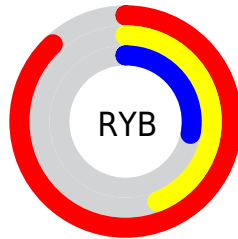
The Hex color **E06847** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **47BFE0**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF9E79**, and **A33319** is the 20% darker color. If you saturate the color by 10%, you get **E05631**, and if you desaturate by 10%, it is **E07A5D**.

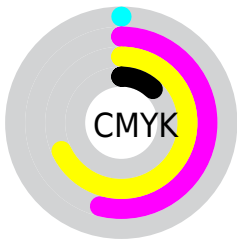
# Distribution



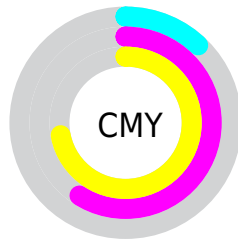
- Red (88%)
- Green (41%)
- Blue (28%)



- Red (88%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (54%)
- Yellow (68%)
- Black (12%)



- Cyan (12%)
- Magenta (59%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E06847 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 E06847 by changing the saturation by 10% instead.



 E06847

 E06847

FFFFFF

 C14E30

 FF9E79

 A33319

 FFBA93

 841701

 FFD6AD

 670000

 FFF3C9

 490000

 FFFF E5

 300002

 000000

 E06847

 E06847

 E05631

 E07A5D

 E0451A

 E08B74

 E03304

 E09D8A

 E03000

 E0AEA1

 E0C0B7

 E0D1CD

 E0E3E4

 E0F5FA

 E0FFFF

# Harmonies

## Analogous

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



EB5978



E06847



C07E1F

# Triad

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



E06847



00A36A



478BF4

# Complementary

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



E06847



47BFEO

# 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.



009AF0



E06847



00A5A1

# Square

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



E06847



579C38



00A3D2



AA74DB

# Rectangle

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



E06847



A38B0F



00A3D2



0091F6



# Sweetspot

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



E06847



FFD7CC



E047C1



806861



000000



808080



# Same Dimension

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



E06847



FF5B2E



E0B247



706765



B02600



300A00



# Inverse Universe

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



47BFE0



2ED2FF



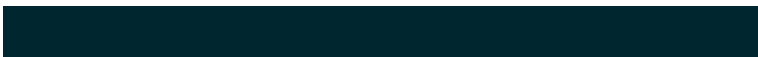
4775E0



656E70



008AB0

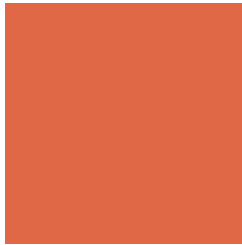


002630



# Previews

## White Background



This preview shows how the Hex color E06847 looks on a white background.

## Color Contrast Check

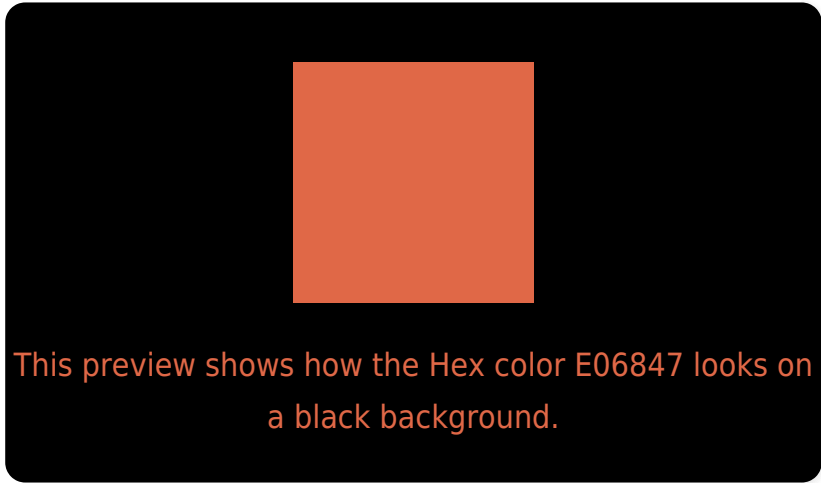
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex E06847 Background



This preview shows how black text looks on a background with the Hex color E06847.



This preview shows how white text looks on a background with the Hex color E06847.

# 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**  
E06847

**Protanopia**  
9A8D54

**Deuteranopia**  
AE8641



**Tritanopia**  
E2646A

# Trichromacy



**Original Color**  
E06847

**Protanomaly**  
B3804F

**Deuteranomaly**  
C07B43

**Tritanomaly**  
E1655D

# Monochromacy



**Original Color**  
E06847

**Achromatopsia**  
888888

**Achromatomaly**  
A87C70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E06847 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 #E06847 looks like.

```
.text, #text, p{  
    color:#E06847  
}
```

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 #E06847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E06847
}
```

## Border

The CSS property to change the border of an element to Hex E06847 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
#E06847 }
```

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

```
.border{ border-color:#E06847 }
```

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

Here you see how a box with a 4 pixel #E06847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E06847; -webkit-box-shadow:4px 4px  
4px 4px #E06847; box-shadow:4px 4px 4px  
4px #E06847 }
```

# Background

The CSS property to change the background color of an element to Hex E06847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E06847 }
```

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

```
.background{ background-color:#E06847 }
```

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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