

Converting Colors

Hex(E06A00)

Have a look what the booklet for
Hex(E06A00) contains.

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Color

Hex(E06A00)

Conversions

Conversions Part 1

Format	Color
Hex	E06A00
RGB	224, 106, 0
RGB Percent	88%, 42%, 0%
CMY	0.1216, 0.5843, 1.0000
CMYK	0.00, 0.53, 1.00, 0.12
HSL	28°, 100%, 44%
HSV	28°, 100%, 88%
XYZ	35.8945, 26.1554, 3.1566
YIQ	129.1980, 104.3540, -7.9500

Conversions

Conversions Part 2

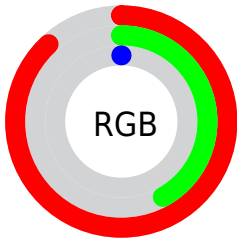
Format	Color
R_{YB}	224, 201, 0
Decimal	14707200
CIE _{Lab}	58.18, 41.65, 66.46
CIE _{LCh}	58, 78.436, 57.926
Yxy	26.1554, 0.5505, 0.4011
Android (android.graphics.Color)	4292897280 (0xFFE06A00)
YUV	129.1980, -63.6946, 83.1414
Hunter-Lab	51.1423, 35.7821, 32.1401

Details

The Hex color **E06A00** 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 **0076E0**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9F43**, and **A13700** is the 20% darker color. If you saturate the color by 10%, you get **E06A00**, and if you desaturate by 10%, it is **E07616**.

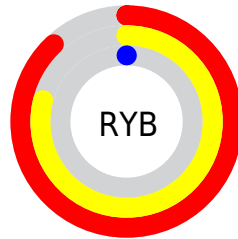
Distribution



Red (88%)

Green (42%)

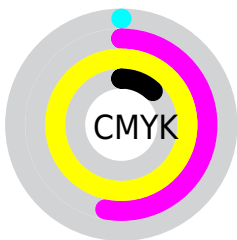
Blue (0%)



Red (88%)

Yellow (79%)

Blue (0%)

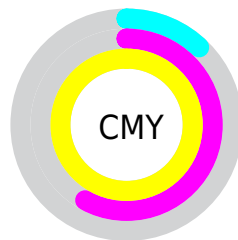


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E06A00 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 E06A00 by changing the saturation by 10% instead.

 E06A00

 E06A00

FFFFFF

 C05000

 FF9F43

 A13700

 FFBB5E

 821C00

 FFD778

 640000

 FFF494

 470000

 FFFF4F

 2D0002

 FFFFCC

 000000

 FFFF88

 E06A00

 E07616

 E0822D

 E08D43

 E0995A

 E0A570

 E0B186

 E0BD9D

 E0C8B3

 E0D4CA

Harmonies

Analogous

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



FF4650



E06A00



AD8700

Triad

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



E06A00



00A985



7A7CFF

Complementary

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



E06A00



0076E0

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.



0096FF



E06A00



00AACB

Square

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



E06A00



00A53C



00A4FF



D856D6

Rectangle

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



E06A00



829500



00A4FF



3686FF

Sweetspot

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



E06A00



FFD7B3



E00077



806752



000000



808080

Same Dimension

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



E06A00



FF7900



E0D900



706A65



B05300



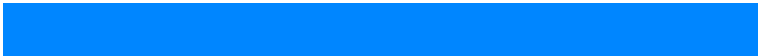
301700

Inverse Universe

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



0076E0



0086FF



0007E0



656B70



005DB0



001A30

Previews

White Background



This preview shows how the Hex color E06A00 looks on a white background.

Color Contrast Check

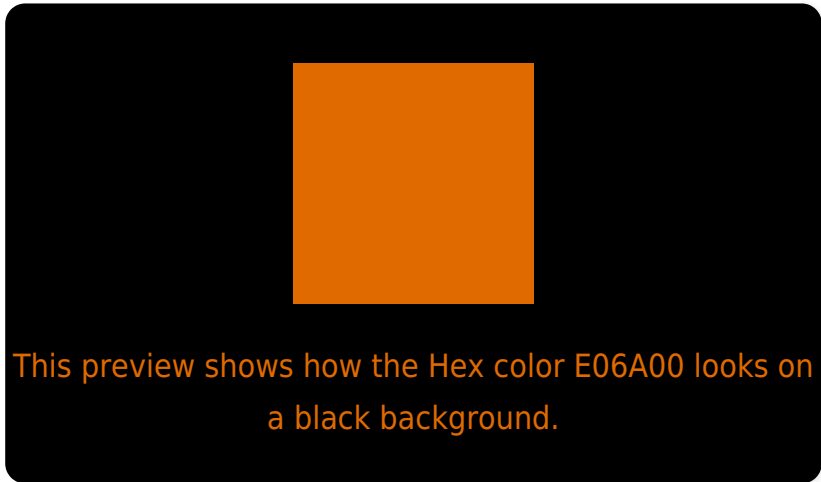
Large Text (above 18pt) WCAG AA ✓ Pass

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 E06A00 Background



This preview shows how black text looks on a background with the Hex color E06A00.



This preview shows how white text looks on a background with the Hex color E06A00.

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
E06A00

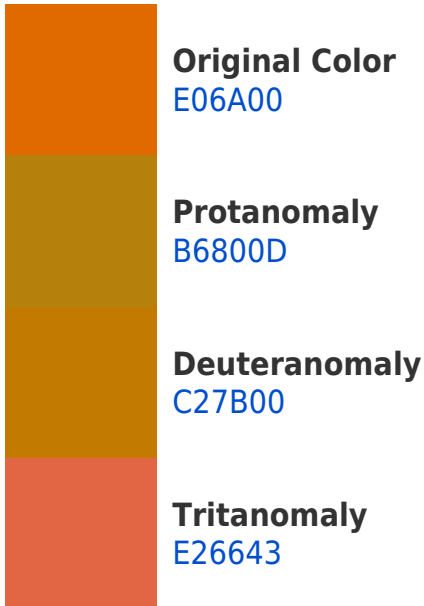
Protanopia
9E8D14

Deuteranopia
B18500



Tritanopia
E36369

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E06A00 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 #E06A00 looks like.

```
.text, #text, p{  
    color:#E06A00  
}
```

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 #E06A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E06A00
}
```

Border

The CSS property to change the border of an element to Hex E06A00 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
#E06A00 }
```

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

```
.border{ border-color:#E06A00 }
```

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

Here you see how a box with a 4 pixel #E06A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E06A00; -webkit-box-shadow:4px 4px  
4px 4px #E06A00; box-shadow:4px 4px 4px  
4px #E06A00 }
```

Background

The CSS property to change the background color of an element to Hex E06A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E06A00 }
```

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

```
.background{ background-color:#E06A00 }
```

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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