

Converting Colors

Hex(E06D00)

Have a look what the booklet for
Hex(E06D00) contains.

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Color

Hex(E06D00)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | E06D00 |
| RGB | 224, 109, 0 |
| RGB Percent | 88%, 43%, 0% |
| CMY | 0.1216, 0.5725, 1.0000 |
| CMYK | 0.00, 0.51, 1.00, 0.12 |
| HSL | 29°, 100%, 44% |
| HSV | 29°, 100%, 88% |
| XYZ | 36.2091, 26.7846, 3.2615 |
| YIQ | 130.9590, 103.5290, -9.5190 |

Conversions

Conversions Part 2

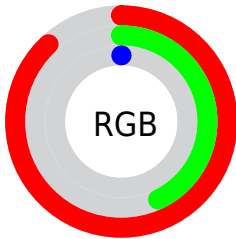
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 224, 212, 0 |
| Decimal | 14707968 |
| CIE _{Lab} | 58.77, 40.16, 66.81 |
| CIE _{LCh} | 59, 77.949, 58.990 |
| Yxy | 26.7846, 0.5465, 0.4043 |
| Android (android.graphics.Color) | 4292898048 (0xFFE06D00) |
| YUV | 130.9590, -64.5628, 81.5970 |
| Hunter-Lab | 51.7538, 34.3168, 32.4912 |

Details

The Hex color **E06D00** 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 **0073E0**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFA243**, and **A13A00** is the 20% darker color. If you saturate the color by 10%, you get **E06D00**, and if you desaturate by 10%, it is **E07816**.

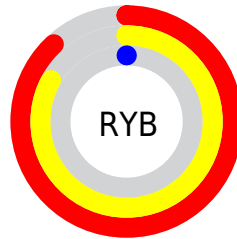
Distribution



Red (88%)

Green (43%)

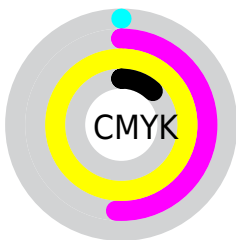
Blue (0%)



Red (88%)

Yellow (83%)

Blue (0%)

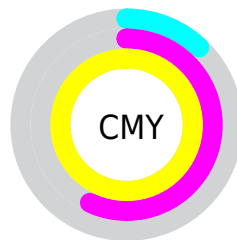


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E06D00 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 E06D00 by changing the saturation by 10% instead.

 E06D00

 E06D00

FFFFFF

 C05300

 FFA243

 A13A00

 FFBE5E

 822000

 FFDA79

 640000

 FFF794

 470000

 FFFFB0

 2E0002

 FFFFCC

 000000

 FFFFEE9

 E06D00

 E07816

 E0842D

 E09043

 E09B5A

 E0A770

 E0B286

 E0BD9D

 E0C9B3

 E0D5CA

Harmonies

Analogous

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



FF4A50



E06D00



AC8A00

Triad

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



E06D00



00AB89



817CFF

Complementary

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



E06D00



0073E0

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.



0097FF



E06D00



00ABCE

Square

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



E06D00



00A641



00A6FF



DB57D5

Rectangle

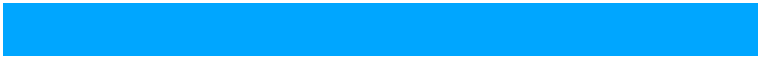
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E06D00



829700



00A6FF



4586FF

Sweetspot

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



E06D00



FFD8B3



E00074



806852



000000



808080

Same Dimension

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



E06D00



FF7C00



E0DC00



706A65



B05600



301800

Inverse Universe

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



0073E0



0083FF



0004E0



656B70



005AB0



001930

Previews

White Background



This preview shows how the Hex color E06D00 looks on a white background.

Color Contrast Check

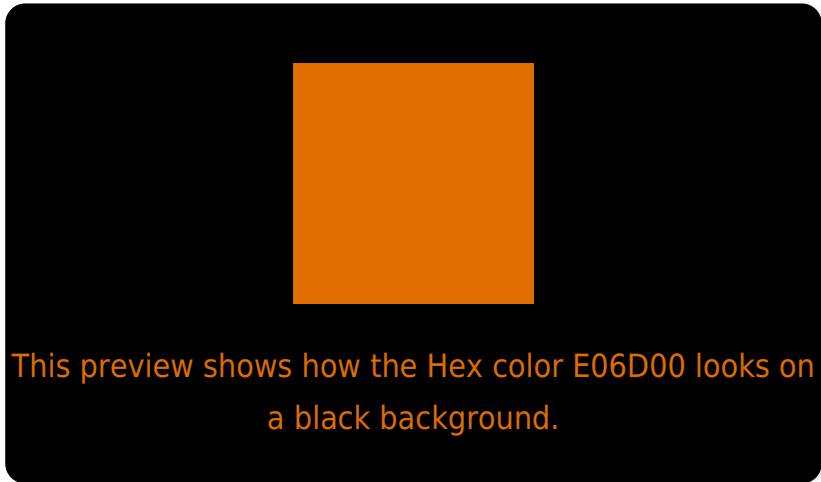
Large Text (above 18pt) WCAG AA ✓ Pass

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 E06D00 Background



This preview shows how black text looks on a background with the Hex color E06D00.



This preview shows how white text looks on a background with the Hex color E06D00.

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
E06D00

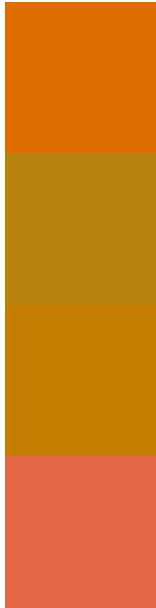
Protanopia
A08E14

Deuteranopia
B38700



Tritanopia
E3656C

Trichromacy



Original Color
E06D00

Protanomaly
B7820D

Deuteranomaly
C37E00

Tritanomaly
E26845

Monochromacy



Original Color
E06D00

Achromatopsia
838383

Achromatomaly
A57B53

CSS Examples

Text

The CSS property to change the color of the text to Hex E06D00 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 #E06D00 looks like.

```
.text, #text, p{  
    color:#E06D00  
}
```

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 #E06D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E06D00
}
```

Border

The CSS property to change the border of an element to Hex E06D00 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
#E06D00 }
```

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

```
.border{ border-color:#E06D00 }
```

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

Here you see how a box with a 4 pixel #E06D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E06D00; -webkit-box-shadow:4px 4px  
4px 4px #E06D00; box-shadow:4px 4px 4px  
4px #E06D00 }
```

Background

The CSS property to change the background color of an element to Hex E06D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E06D00 }
```

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

```
.background{ background-color:#E06D00 }
```

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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