

Converting Colors

Hex(E06A2A)

Have a look what the booklet for
Hex(E06A2A) contains.

Hex(E06A2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E06A2A)

Conversions

Conversions Part 1

Format	Color
Hex	E06A2A
RGB	224, 106, 42
RGB Percent	88%, 42%, 16%
CMY	0.1216, 0.5843, 0.8353
CMYK	0.00, 0.53, 0.81, 0.12
HSL	21°, 75%, 52%
HSV	21°, 81%, 88%
XYZ	36.3124, 26.3225, 5.3574
YIQ	133.9860, 90.8720, 5.1120

Conversions

Conversions Part 2

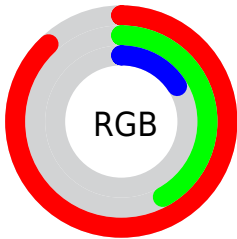
Format	Color
RYB	224, 141, 42
Decimal	14707242
CIELab	58.34, 42.37, 54.89
CIElCh	58, 69.338, 52.336
Yxy	26.3225, 0.5341, 0.3871
Android (android.graphics.Color)	4292897322 (0xFFE06A2A)
YUV	133.9860, -45.3491, 78.9423
Hunter-Lab	51.3055, 36.5521, 29.7227

Details

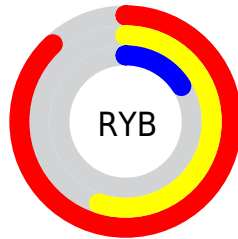
The Hex color **E06A2A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **2AA0E0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA05D**, and **A23600** is the 20% darker color. If you saturate the color by 10%, you get **E05B14**, and if you desaturate by 10%, it is **E07940**.

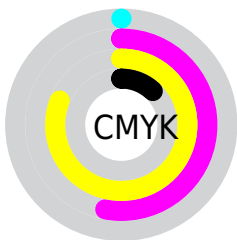
Distribution



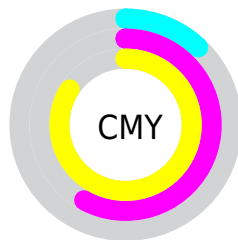
- Red (88%)
- Green (42%)
- Blue (16%)



- Red (88%)
- Yellow (55%)
- Blue (16%)



- Cyan (0%)
- Magenta (53%)
- Yellow (81%)
- Black (12%)



- Cyan (12%)
- Magenta (58%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color E06A2A 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 E06A2A by changing the saturation by 10% instead.

 E06A2A

 E06A2A

FFFFFF

 C1500E

 FFA05D

 A23600

 FFBB77

 831B00

 FFD891

 650000

 FFF4AC

 480000

 FFFFC8

 2E0002

 FFFF E5

 000000

 E06A2A

 E06A2A

 E05B14

 E07940

 E04F00

 E08757

 E0966D

 E0A484

 E0B39A

 E0C1B0

 E0D0C7

 E0DEDD

 E0EDF4

Harmonies

Analogous

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



F65062



E06A2A



B58400

Triad

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



E06A2A



00A77A



6983FE

Complementary

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



E06A2A



2AA0E0

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.



0098FF



E06A2A



00A8B9

Square

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



E06A2A



1FA23C



00A4EC



C666D7

Rectangle

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



E06A2A



919100



00A4EC



1F8BFF

Sweetspot

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



E06A2A



FFD7C2



E02AA0



80685B



000000



808080

Same Dimension

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



E06A2A



FF5D05



E0C52A



706965



B03E00



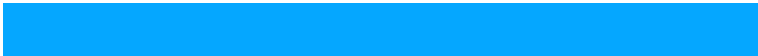
301100

Inverse Universe

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



2AA0E0



05A7FF



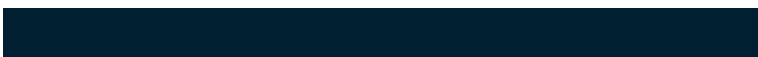
2A45E0



656C70



0072B0



001F30

Previews

White Background



This preview shows how the Hex color E06A2A looks on a white background.

Color Contrast Check

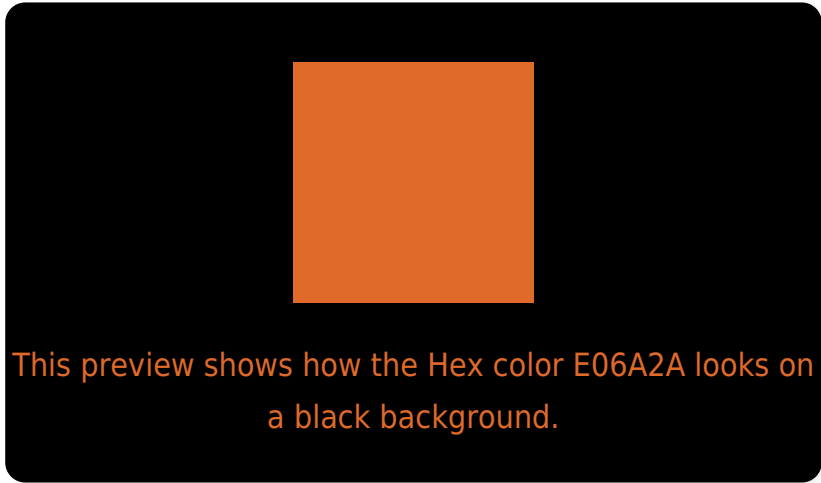
Large Text (above 18pt) WCAG AA ✓ Pass

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 E06A2A Background



This preview shows how black text looks on a background with the Hex color E06A2A.



This preview shows how white text looks on a background with the Hex color E06A2A.

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
E06A2A

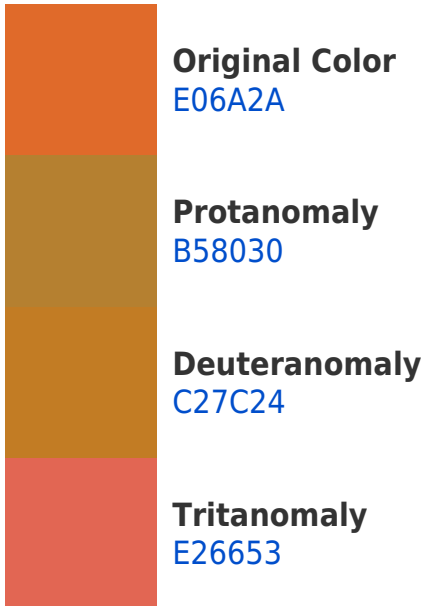
Protanopia
9D8D33

Deuteranopia
B18620

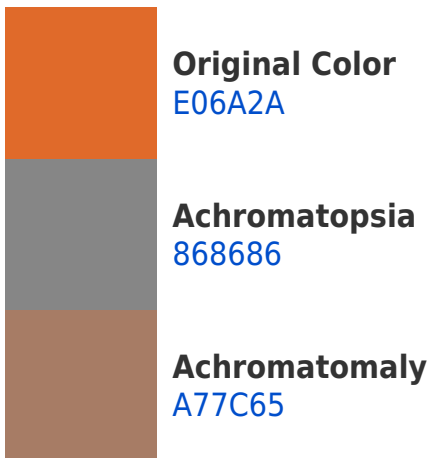


Tritanopia
E3636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E06A2A 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 #E06A2A looks like.

```
.text, #text, p{  
    color:#E06A2A  
}
```

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 #E06A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E06A2A
}
```

Border

The CSS property to change the border of an element to Hex E06A2A 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
#E06A2A }
```

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

```
.border{ border-color:#E06A2A }
```

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

Here you see how a box with a 4 pixel #E06A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E06A2A; -webkit-box-shadow:4px 4px  
4px 4px #E06A2A; box-shadow:4px 4px 4px  
4px #E06A2A }
```

Background

The CSS property to change the background color of an element to Hex E06A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E06A2A }
```

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

```
.background{ background-color:#E06A2A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor