

# Converting Colors

Hex(C06A2C)

Have a look what the booklet for  
Hex(C06A2C) contains.

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# Color

Hex(C06A2C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C06A2C
RGB	192, 106, 44
RGB Percent	75%, 42%, 17%
CMY	0.2471, 0.5843, 0.8275
CMYK	0.00, 0.45, 0.77, 0.25
HSL	25°, 63%, 46%
HSV	25°, 77%, 75%
XYZ	27.3469, 21.6964, 5.1294
YIQ	124.6460, 71.1580, -1.0500

# Conversions

## Conversions Part 2

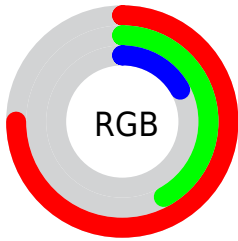
Format	Color
<a href="#">RYB</a>	<a href="#">192, 151, 44</a>
Decimal	<a href="#">12610092</a>
CIELab	<a href="#">53.70, 29.64, 47.95</a>
CIElCh	<a href="#">54, 56.368, 58.276</a>
Yxy	<a href="#">21.6964, 0.5048, 0.4005</a>
Android (android.graphics.Color)	<a href="#">4290800172 (0xFFC06A2C)</a>
YUV	<a href="#">124.6460, -39.7585, 59.0695</a>
Hunter-Lab	<a href="#">46.5794, 23.2839, 26.0765</a>

# Details

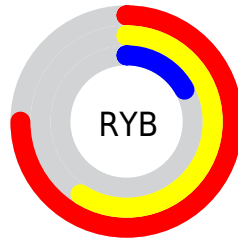
The Hex color **C06A2C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2C82C0**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FD9E5E**, and **853900** is the 20% darker color. If you saturate the color by 10%, you get **C05F19**, and if you desaturate by 10%, it is **C0753F**.

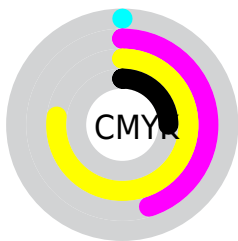
# Distribution



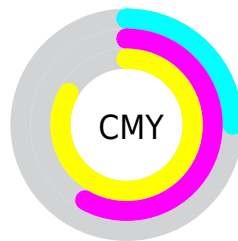
- Red (75%)
- Green (42%)
- Blue (17%)



- Red (75%)
- Yellow (59%)
- Blue (17%)



- Cyan (0%)
- Magenta (45%)
- Yellow (77%)
- Black (25%)



- Cyan (25%)
- Magenta (58%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C06A2C 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 C06A2C by changing the saturation by 10% instead.



 C06A2C

 C06A2C

FFFFFF

 A25112

 FD9E5E

 853900

 FFB977

 682100

 FFD592

 4B0900

 FFF2AD

 310000

 FFFFFC9

 070000

 FFFFFE5

 000000

 C06A2C

 C06A2C

 C05F19

 C0753F

 C05406

 C08052

 C05000

 C08B66

 C09779

 C0A28C

 C0AD9F

 C0B8B2

 C0C3C6

 C0CED9

# Harmonies

## Analogous

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



D55755



C06A2C



9B7D0F

# Triad

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



C06A2C



00977C



7B75D6

# Complementary

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



C06A2C



2C82C0

# 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.



0087E2



C06A2C



0097AD

# Square

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



C06A2C



1E934A



0092D2



B85FB4

# Rectangle

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



C06A2C



7D8716



0092D2



5B7BDD

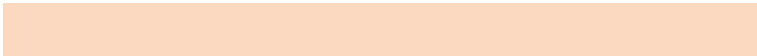


# Sweetspot

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



C06A2C



FAD9C0



C02C82



7D695A



FCFCFC



7D7D7D



# Same Dimension

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



C06A2C



FA7311



C0B42C



615B57



A14300



210E00

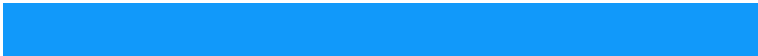


# Inverse Universe

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



2C82C0



1199FA



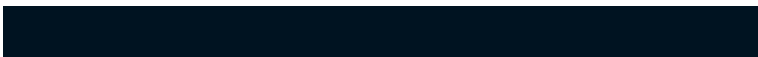
2C38C0



575D61



005DA1

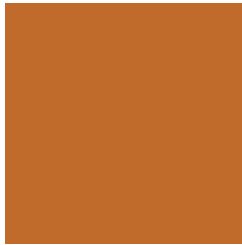


001321



# Previews

## White Background



This preview shows how the Hex color C06A2C looks on a white background.

## Color Contrast Check

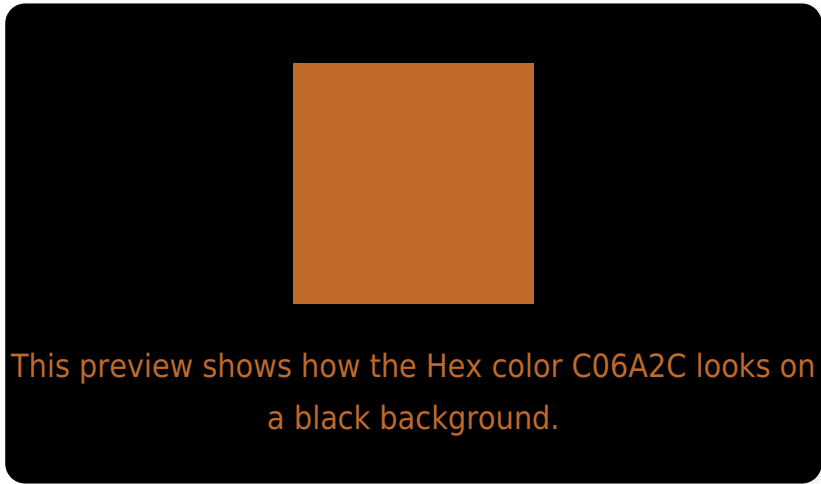
Large Text (above 18pt) WCAG AA ✓ Pass

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 C06A2C Background



This preview shows how black text looks on a background with the Hex color C06A2C.



This preview shows how white text looks on a background with the Hex color C06A2C.

# 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**  
C06A2C

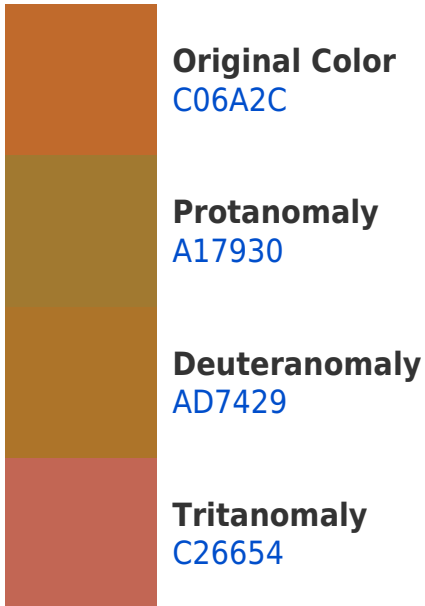
**Protanopia**  
908132

**Deuteranopia**  
A27A27



**Tritanopia**  
C3646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C06A2C 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 #C06A2C looks like.

```
.text, #text, p{  
    color:#C06A2C  
}
```

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 #C06A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C06A2C
}
```

## Border

The CSS property to change the border of an element to Hex C06A2C 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
#C06A2C }
```

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

```
.border{ border-color:#C06A2C }
```

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

Here you see how a box with a 4 pixel #C06A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C06A2C; -webkit-box-shadow:4px 4px  
4px 4px #C06A2C; box-shadow:4px 4px 4px  
4px #C06A2C }
```

# Background

The CSS property to change the background color of an element to Hex C06A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C06A2C }
```

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

```
.background{ background-color:#C06A2C }
```

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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