

Converting Colors

Hex(C46F2C)

Have a look what the booklet for
Hex(C46F2C) contains.

Hex(C46F2C)	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(C46F2C)

Conversions

Conversions Part 1

Format	Color
Hex	C46F2C
RGB	196, 111, 44
RGB Percent	77%, 44%, 17%
CMY	0.2314, 0.5647, 0.8275
CMYK	0.00, 0.43, 0.78, 0.23
HSL	26°, 63%, 47%
HSV	26°, 78%, 77%
XYZ	28.9040, 23.2865, 5.3542
YIQ	128.7770, 72.1670, -2.8170

Conversions

Conversions Part 2

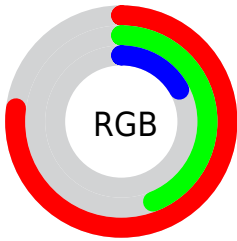
Format	Color
RYB	196, 164, 44
Decimal	12873516
CIELab	55.37, 28.62, 49.77
CIElCh	55, 57.416, 60.098
Yxy	23.2865, 0.5023, 0.4047
Android (android.graphics.Color)	4291063596 (0xFFC46F2C)
YUV	128.7770, -41.7951, 58.9546
Hunter-Lab	48.2561, 22.4683, 27.2008

Details

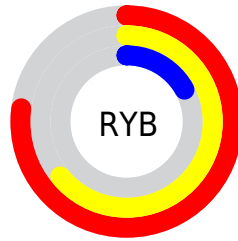
The Hex color **C46F2C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2C81C4**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FFA35E**, and **883E00** is the 20% darker color. If you saturate the color by 10%, you get **C46418**, and if you desaturate by 10%, it is **C47A40**.

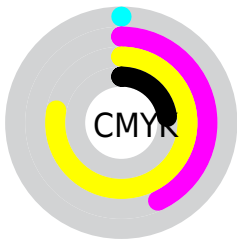
Distribution



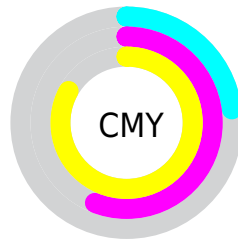
- Red (77%)
- Green (44%)
- Blue (17%)



- Red (77%)
- Yellow (64%)
- Blue (17%)



- Cyan (0%)
- Magenta (43%)
- Yellow (78%)
- Black (23%)



- Cyan (23%)
- Magenta (56%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color C46F2C 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 C46F2C by changing the saturation by 10% instead.



C46F2C



C46F2C

FFFFFF



A65611



FFA35E



883E00



FFBF78



6C2600



FFDB92



4F0F00



FFF7AE



340000



FFFFC9



140000



FFFFE6



000000



C46F2C



C46F2C



C46418



C47A40

 C45905

 C48553

 C45600

 C49067

 C49B7A

 C4A68E

 C4B1A2

 C4BCB5

 C4C7C9

 C4D2DC

Harmonies

Analogous

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



DB5B56



C46F2C



9D8211

Triad

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



C46F2C



009C83



8477DB

Complementary

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



C46F2C



2C81C4

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.



008AE8



C46F2C



009CB5

Square

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



C46F2C



159850



0096DA



C061B7

Rectangle

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



C46F2C



7E8C1A



0096DA



657EE3

Sweetspot

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



C46F2C



FFDEC4



C42C82



806C5C



000000



808080

Same Dimension

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



C46F2C



FF7A12



C4BA2C



615B57



A14700



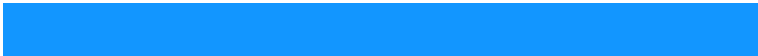
210F00

Inverse Universe

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



2C81C4



1296FF



2C36C4



575D61



005AA1



001321

Previews

White Background



This preview shows how the Hex color C46F2C looks on a white background.

Color Contrast Check

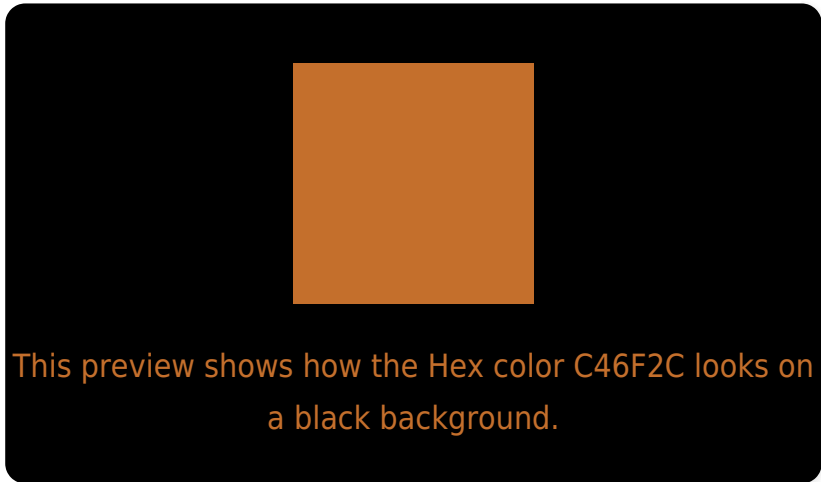
Large Text (above 18pt) WCAG AA ✓ Pass

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 C46F2C Background



This preview shows how black text looks on a background with the Hex color C46F2C.

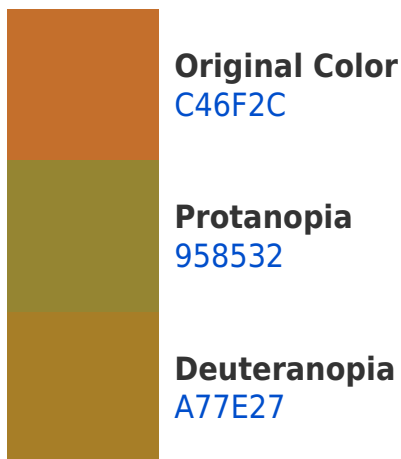


This preview shows how white text looks on a background with the Hex color C46F2C.

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](#).

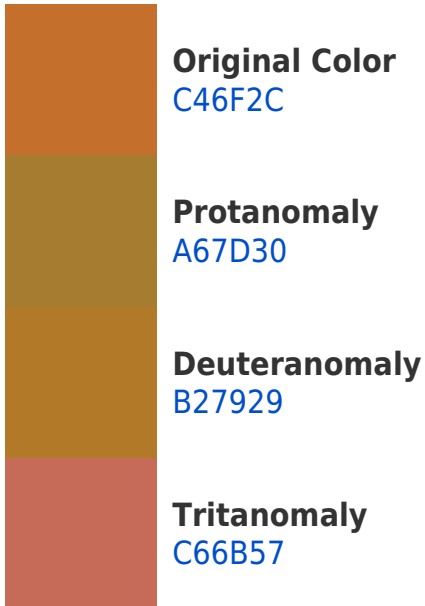
Dichromacy





Tritanopia
C76870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C46F2C 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 #C46F2C looks like.

```
.text, #text, p{  
    color:#C46F2C  
}
```

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 #C46F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46F2C  
}
```

Border

The CSS property to change the border of an element to Hex C46F2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

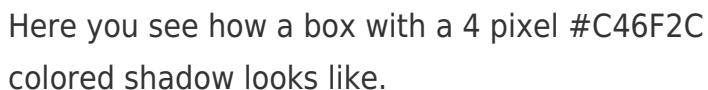
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C46F2C }
```

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

```
.border{ border-color:#C46F2C }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #C46F2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46F2C; -webkit-box-shadow:4px 4px  
4px 4px #C46F2C; box-shadow:4px 4px 4px  
4px #C46F2C }
```

Background

The CSS property to change the background color of an element to Hex C46F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46F2C }
```

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

```
.background{ background-color:#C46F2C }
```

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