

Converting Colors

Hex(C5742C)

Have a look what the booklet for
Hex(C5742C) contains.

Hex(C5742C)	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(C5742C)

Conversions

Conversions Part 1

Format	Color
Hex	C5742C
RGB	197, 116, 44
RGB Percent	77%, 45%, 17%
CMY	0.2275, 0.5451, 0.8275
CMYK	0.00, 0.41, 0.78, 0.23
HSL	28°, 63%, 47%
HSV	28°, 78%, 77%
XYZ	29.7260, 24.5429, 5.5534
YIQ	132.0110, 71.3880, -5.2200

Conversions

Conversions Part 2

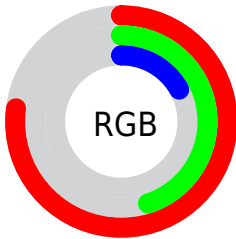
Format	Color
RYB	197, 180, 44
Decimal	12940332
CIELab	56.63, 26.34, 51.05
CIELCh	57, 57.446, 62.704
Yxy	24.5429, 0.4969, 0.4103
Android (android.graphics.Color)	4291130412 (0xFFC5742C)
YUV	132.0110, -43.3894, 56.9954
Hunter-Lab	49.5408, 20.4088, 28.0323

Details

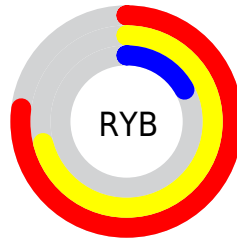
The Hex color **C5742C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2C7DC5**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFA95F**, and **8A4300** is the 20% darker color. If you saturate the color by 10%, you get **C56A18**, and if you desaturate by 10%, it is **C57E40**.

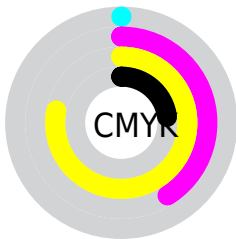
Distribution



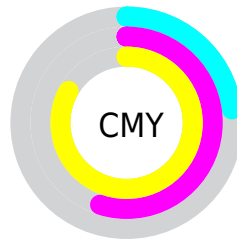
- Red (77%)
- Green (45%)
- Blue (17%)



- Red (77%)
- Yellow (71%)
- Blue (17%)



- Cyan (0%)
- Magenta (41%)
- Yellow (78%)
- Black (23%)



- Cyan (23%)
- Magenta (55%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5742C 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 C5742C by changing the saturation by 10% instead.

 C5742C

 C5742C

FFFFFF

 A75B11

 FFA95F

 8A4300

 FFC478

 6D2C00

 FFE093

 501500

 FFFDAE

 350000

 FFFCA

 180001

 FFFFE7

 000000

 C5742C

 C5742C

 C56A18

 C57E40

 C55F05

 C58953

 C55D00

 C59367

 C59E7B

 C5A88F

 C5B3A2

 C5BDB6

 C5C7CA

 C5D2DD

Harmonies

Analogous

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



DE6055



C5742C



9D8715

Triad

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



C5742C



009F8B



8E79DC

Complementary

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



C5742C



2C7DC5

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.



008CEC



C5742C



009FBD

Square

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



C5742C



019C58



0099E0



C863B7

Rectangle

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



C5742C



7D9120



0099E0



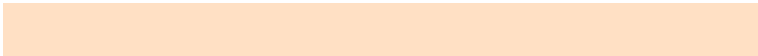
7280E5

Sweetspot

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



C5742C



FFE0C4



C52C7E



806D5C



000000



808080

Same Dimension

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



C5742C



FF8112



C5C02C



635E5A



A34D00



241100

Inverse Universe

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



2C7DC5



128FFF



2C31C5



5A5F63



0056A3



001324

Previews

White Background



This preview shows how the Hex color C5742C looks on a white background.

Color Contrast Check

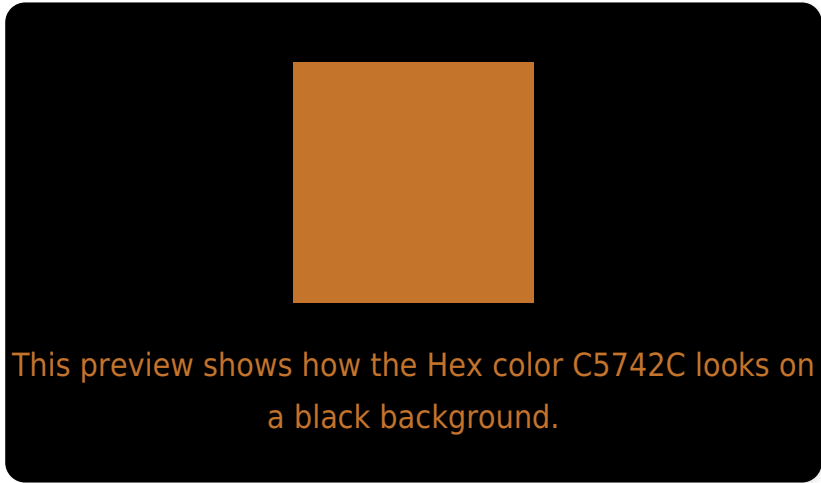
Large Text (above 18pt) WCAG AA ✓ Pass

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 C5742C Background



This preview shows how black text looks on a background with the Hex color C5742C.



This preview shows how white text looks on a background with the Hex color C5742C.

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
C5742C

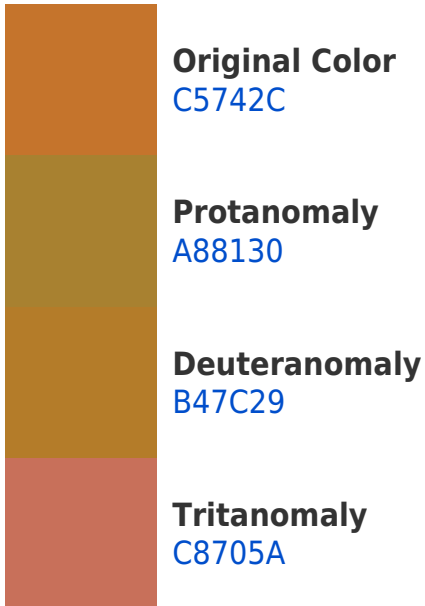
Protanopia
988932

Deuteranopia
AB8127



Tritanopia
C96D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5742C 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 #C5742C looks like.

```
.text, #text, p{  
    color:#C5742C  
}
```

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 #C5742C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5742C }
}
```

Border

The CSS property to change the border of an element to Hex C5742C 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 #C5742C }
}
```

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

```
.border{ border-color:#C5742C }
```

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

Here you see how a box with a 4 pixel #C5742C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5742C; -webkit-box-shadow:4px 4px  
4px 4px #C5742C; box-shadow:4px 4px 4px  
4px #C5742C }
```

Background

The CSS property to change the background color of an element to Hex C5742C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5742C }
```

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

```
.background{ background-color:#C5742C }
```

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