

Converting Colors

Hex(CB752C)

Have a look what the booklet for
Hex(CB752C) contains.

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Color

Hex(CB752C)

Conversions

Conversions Part 1

Format	Color
Hex	CB752C
RGB	203, 117, 44
RGB Percent	80%, 46%, 17%
CMY	0.2039, 0.5412, 0.8275
CMYK	0.00, 0.42, 0.78, 0.20
HSL	28°, 64%, 48%
HSV	28°, 78%, 80%
XYZ	31.4445, 25.6009, 5.6670
YIQ	134.3920, 74.6890, -4.4710

Conversions

Conversions Part 2

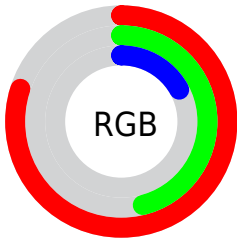
Format	Color
RYB	203, 179, 44
Decimal	13333804
CIELab	57.66, 28.33, 52.32
CIElCh	58, 59.497, 61.569
Yxy	25.6009, 0.5014, 0.4082
Android (android.graphics.Color)	4291523884 (0xFFCB752C)
YUV	134.3920, -44.5633, 60.1692
Hunter-Lab	50.5974, 22.3862, 28.7775

Details

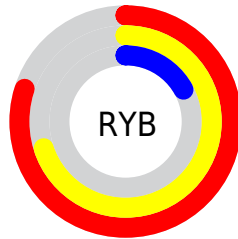
The Hex color **CB752C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2C82CB**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFAA5F**, and **8F4400** is the 20% darker color. If you saturate the color by 10%, you get **CB6A18**, and if you desaturate by 10%, it is **CB8040**.

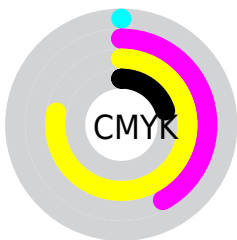
Distribution



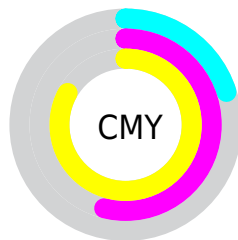
- Red (80%)
- Green (46%)
- Blue (17%)



- Red (80%)
- Yellow (70%)
- Blue (17%)



- Cyan (0%)
- Magenta (42%)
- Yellow (78%)
- Black (20%)



- Cyan (20%)
- Magenta (54%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB752C 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 CB752C by changing the saturation by 10% instead.

 CB752C

 CB752C

FFFFFF

 AD5C10

 FFAA5F

 8F4400

 FFC579

 722C00

 FFE193

 551500

 FFFEAF

 390000

 FFFFCB

 200001

 FFFF7E

 000000

 CB752C

 CB752C

 CB6A18

 CB8040

 CB5F03

 CB8B55

 CB5D00

 CB9669

 CBA17D

 CBAC92

 CBB7A6

 CBC2BA

 CBCDCE

 CBD8E3

Harmonies

Analogous

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



E46057



CB752C



A28911

Triad

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



CB752C



00A38C



8E7BE4

Complementary

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



CB752C



2C82CB

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.



0090F3



CB752C



00A2C0

Square

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



CB752C



029F56



009CE6



CB65BD

Rectangle

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



CB752C



81931C



009CE6



6F83EC

Sweetspot

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



CB752C



FFDFC4



CB2C83



806C5C



000000



808080

Same Dimension

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



CB752C



FF7D0F



CBC32C



66605C



A64C00



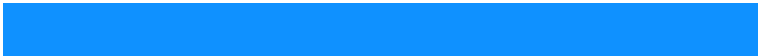
261200

Inverse Universe

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



2C82CB



0F91FF



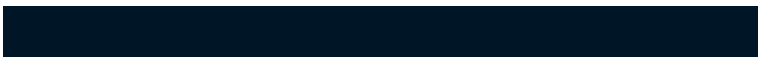
2C34CB



5C6166



005AA6



001526

Previews

White Background



This preview shows how the Hex color CB752C looks on a white background.

Color Contrast Check

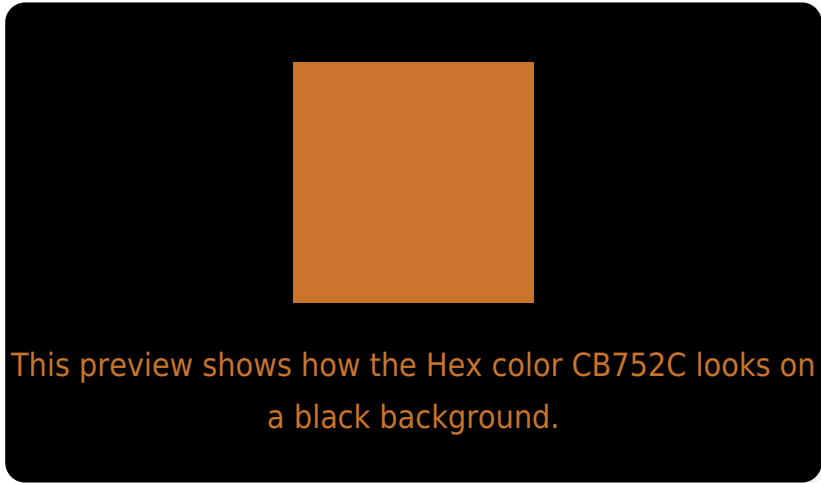
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB752C Background



This preview shows how black text looks on a background with the Hex color CB752C.



This preview shows how white text looks on a background with the Hex color CB752C.

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
CB752C

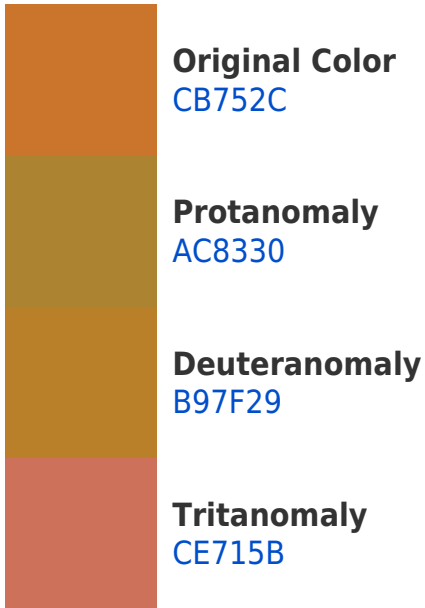
Protanopia
9B8B32

Deuteranopia
AE8427



Tritanopia
CF6E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB752C 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 #CB752C looks like.

```
.text, #text, p{  
    color:#CB752C  
}
```

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 #CB752C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB752C
}
```

Border

The CSS property to change the border of an element to Hex CB752C 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
#CB752C }
```

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

```
.border{ border-color:#CB752C }
```

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

Here you see how a box with a 4 pixel #CB752C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB752C; -webkit-box-shadow:4px 4px  
4px 4px #CB752C; box-shadow:4px 4px 4px  
4px #CB752C }
```

Background

The CSS property to change the background color of an element to Hex CB752C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB752C }
```

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

```
.background{ background-color:#CB752C }
```

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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