

Converting Colors

Hex(CB643E)

Have a look what the booklet for
Hex(CB643E) contains.

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Color

Hex(CB643E)

Conversions

Conversions Part 1

Format	Color
Hex	CB643E
RGB	203, 100, 62
RGB Percent	80%, 39%, 24%
CMY	0.2039, 0.6078, 0.7569
CMYK	0.00, 0.51, 0.69, 0.20
HSL	16°, 58%, 52%
HSV	16°, 69%, 80%
XYZ	30.0553, 22.1587, 7.2504
YIQ	126.4650, 73.5860, 10.0180

Conversions

Conversions Part 2

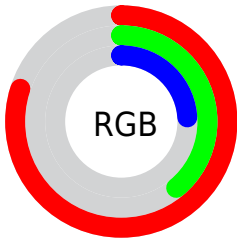
Format	Color
RYB	203, 114, 62
Decimal	13329470
CIELab	54.19, 38.08, 39.96
CIElCh	54, 55.198, 46.383
Yxy	22.1587, 0.5054, 0.3726
Android (android.graphics.Color)	4291519550 (0xFFCB643E)
YUV	126.4650, -31.7812, 67.1212
Hunter-Lab	47.0730, 31.5914, 23.8190

Details

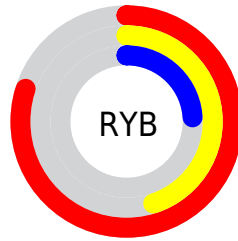
The Hex color **CB643E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3EA5CB**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF996F**, and **8F3110** is the 20% darker color. If you saturate the color by 10%, you get **CB552A**, and if you desaturate by 10%, it is **CB7352**.

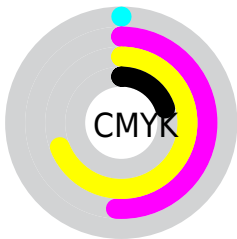
Distribution



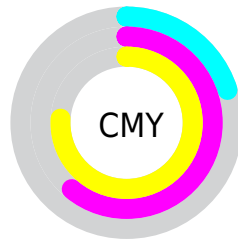
- Red (80%)
- Green (39%)
- Blue (24%)



- Red (80%)
- Yellow (45%)
- Blue (24%)



- Cyan (0%)
- Magenta (51%)
- Yellow (69%)
- Black (20%)



- Cyan (20%)
- Magenta (61%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB643E 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 CB643E by changing the saturation by 10% instead.

 CB643E

 CB643E

FFFFFF

 AD4B27

 FF996F

 8F3110

 FFB489

 721700

 FFD0A3

 550000

 FFEDBF

 390000

 FFFFDB

 1A0001

 FFFFF7

 000000

 CB643E

 CB643E

 CB552A

 CB7352

 CB4615

 CB8267

 CB3801

 CB907B

 CB3700

 CB9F8F

 CBAEA4

 CBBDB8

 CBCCCC

 CBDBE0

 CBE9F5

Harmonies

Analogous

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



D85569



CB643E



AC771D

Triad

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



CB643E



00976A



577EDD

Complementary

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



CB643E



3EA5CB

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.



008DDE



CB643E



00989B

Square

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



CB643E



49923C



0096C6



A569C4

Rectangle

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



CB643E



918315



0096C6



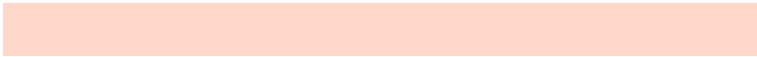
2184E1

Sweetspot

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



CB643E



FFD8C9



CB3EA5



806860



000000



808080

Same Dimension

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



CB643E



FF642B



CBA3E



665F5C



A62D00



260A00

Inverse Universe

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



3EA5CB



2BC6FF



3E5FCB



5C6366



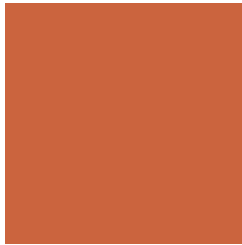
0079A6



001C26

Previews

White Background



This preview shows how the Hex color CB643E looks on a white background.

Color Contrast Check

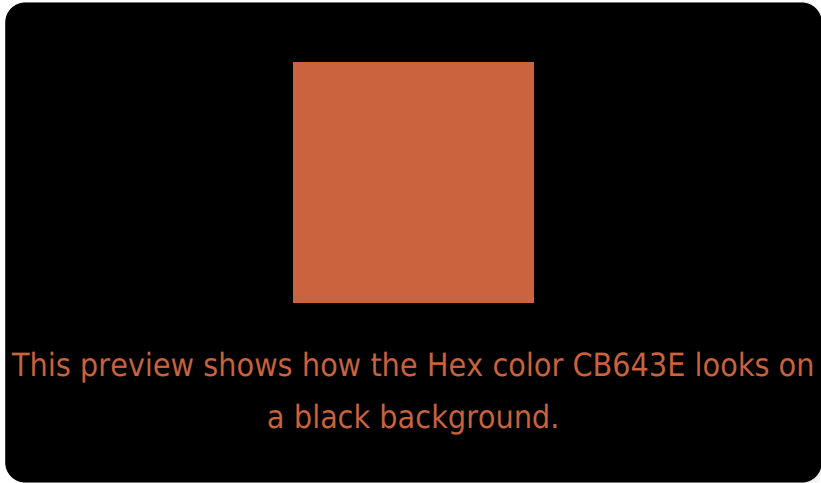
Large Text (above 18pt) WCAG AA ✓ Pass

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

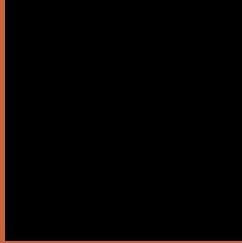
Any Text WCAG AA ✓ Pass

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 CB643E Background



This preview shows how black text looks on a background with the Hex color CB643E.



This preview shows how white text looks on a background with the Hex color CB643E.

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
CB643E

Protanopia
8F8248

Deuteranopia
A17C39



Tritanopia
CD5F66

Trichromacy



Original Color
CB643E

Protanomaly
A57744

Deuteranomaly
B0733B

Tritanomaly
CC6157

Monochromacy



Original Color
CB643E

Achromatopsia
7E7E7E

Achromatomaly
9A7567

CSS Examples

Text

The CSS property to change the color of the text to Hex CB643E 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 #CB643E looks like.

```
.text, #text, p{  
    color:#CB643E  
}
```

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 #CB643E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB643E
}
```

Border

The CSS property to change the border of an element to Hex CB643E is called "border". The border property can be set on classes, ids or directly on the HTML element.

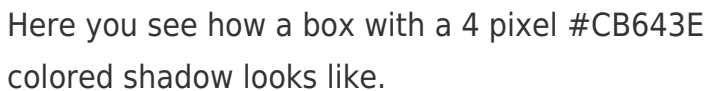
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB643E }
```

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

```
.border{ border-color:#CB643E }
```

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 #CB643E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB643E; -webkit-box-shadow:4px 4px  
4px 4px #CB643E; box-shadow:4px 4px 4px  
4px #CB643E }
```

Background

The CSS property to change the background color of an element to Hex CB643E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB643E }
```

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

```
.background{ background-color:#CB643E }
```

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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