

Converting Colors

Hex(C6643E)

Have a look what the booklet for
Hex(C6643E) contains.

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Color

Hex(C6643E)

Conversions

Conversions Part 1

Format	Color
Hex	C6643E
RGB	198, 100, 62
RGB Percent	78%, 39%, 24%
CMY	0.2235, 0.6078, 0.7569
CMYK	0.00, 0.49, 0.69, 0.22
HSL	17°, 54%, 51%
HSV	17°, 69%, 78%
XYZ	28.7154, 21.4679, 7.1877
YIQ	124.9700, 70.6060, 8.9580

Conversions

Conversions Part 2

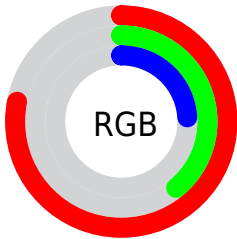
Format	Color
R_{YB}	198, 115, 62
Decimal	13001790
CIE Lab	53.46, 36.11, 38.92
CIE LCh	53, 53.098, 47.144
Yxy	21.4679, 0.5005, 0.3742
Android (android.graphics.Color)	4291191870 (0xFFC6643E)
YUV	124.9700, -31.0442, 64.0473
Hunter-Lab	46.3335, 29.5426, 23.2358

Details

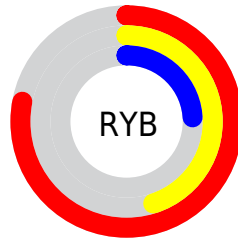
The Hex color **C6643E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3EA0C6**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF996F**, and **8A3210** is the 20% darker color. If you saturate the color by 10%, you get **C6562A**, and if you desaturate by 10%, it is **C67252**.

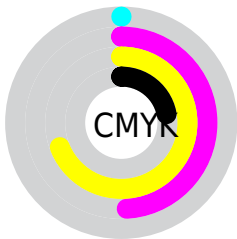
Distribution



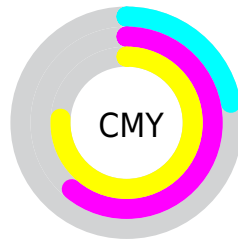
- Red (78%)
- Green (39%)
- Blue (24%)



- Red (78%)
- Yellow (45%)
- Blue (24%)



- Cyan (0%)
- Magenta (49%)
- Yellow (69%)
- Black (22%)



- Cyan (22%)
- Magenta (61%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6643E 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 C6643E by changing the saturation by 10% instead.

 C6643E

 C6643E

FFFFFF

 A84B27

 FF996F

 8A3210

 FFB489

 6E1800

 FFD0A3

 510000

 FFECBF

 360000

 FFFFDB

 120000

 FFFFF7

 000000

 C6643E

 C6643E

 C6562A

 C67252

 C64716

 C68166

 C63903

 C68F79

 C63700

 C69D8D

 C6ABA1

 C6BAB5

 C6C8C9

 C6D6DC

 C6E4F0

Harmonies

Analogous

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



D35667



C6643E



A87620

Triad

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



C6643E



00946A



5B7CD7

Complementary

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



C6643E



3EA0C6

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.



008AD9



C6643E



009699

Square

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



C6643E



488F3E



0093C2



A368BE

Rectangle

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



C6643E



8D811A



0093C2



2F81DB

Sweetspot

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



C6643E



FFD8C9



C63EA2



806960



000000



808080

Same Dimension

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



C6643E



FF682E



C6A63E



635C5A



A32E00



240A00

Inverse Universe

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



3EA0C6



2EC5FF



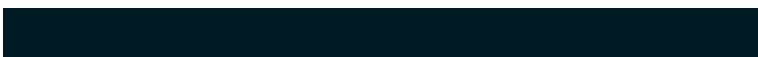
3E5EC6



5A6163



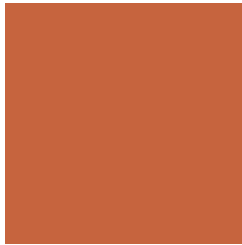
0076A3



001A24

Previews

White Background



This preview shows how the Hex color C6643E looks on a white background.

Color Contrast Check

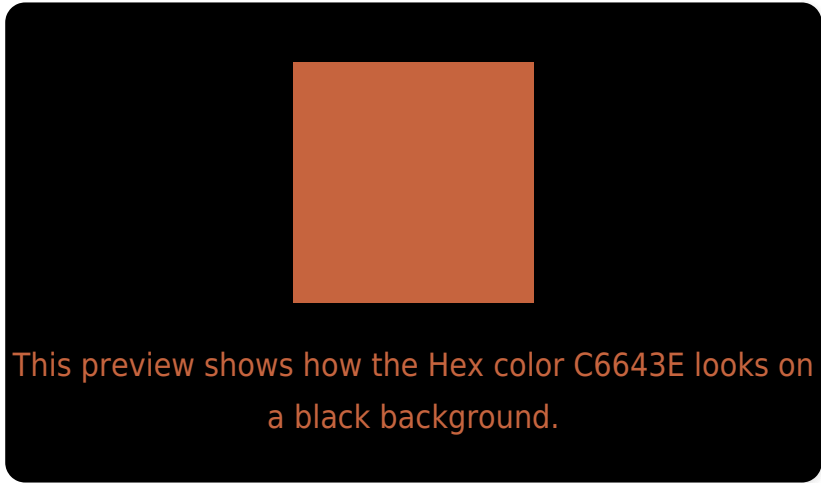
Large Text (above 18pt) WCAG AA ✓ Pass

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 C6643E Background



This preview shows how black text looks on a background with the Hex color C6643E.



This preview shows how white text looks on a background with the Hex color C6643E.

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
C6643E

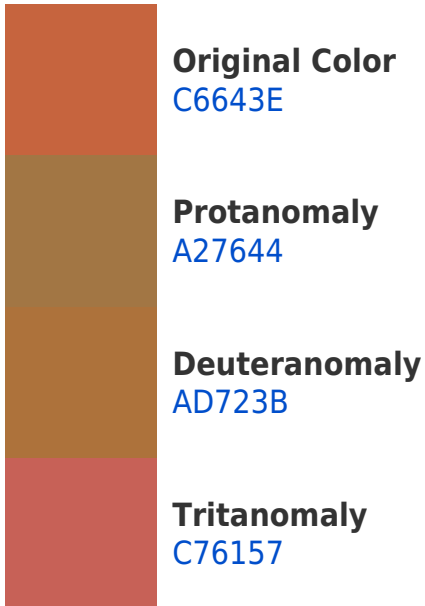
Protanopia
8D8047

Deuteranopia
9F7A39



Tritanopia
C85F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6643E 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 #C6643E looks like.

```
.text, #text, p{  
    color:#C6643E  
}
```

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 #C6643E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6643E
}
```

Border

The CSS property to change the border of an element to Hex C6643E 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
#C6643E }
```

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

```
.border{ border-color:#C6643E }
```

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

Here you see how a box with a 4 pixel #C6643E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6643E; -webkit-box-shadow:4px 4px  
4px 4px #C6643E; box-shadow:4px 4px 4px  
4px #C6643E }
```

Background

The CSS property to change the background color of an element to Hex C6643E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6643E }
```

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

```
.background{ background-color:#C6643E }
```

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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