

Converting Colors

Hex(683E2C)

Have a look what the booklet for
Hex(683E2C) contains.

Hex(683E2C)	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(683E2C)

Conversions

Conversions Part 1

Format	Color
Hex	683E2C
RGB	104, 62, 44
RGB Percent	41%, 24%, 17%
CMY	0.5922, 0.7569, 0.8275
CMYK	0.00, 0.40, 0.58, 0.59
HSL	18°, 41%, 29%
HSV	18°, 58%, 41%
XYZ	7.8862, 6.5702, 3.2354
YIQ	72.5060, 30.8100, 3.3060

Conversions

Conversions Part 2

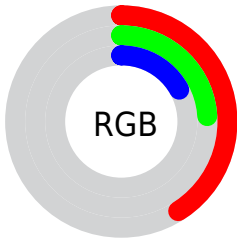
Format	Color
RYB	104, 70, 44
Decimal	6831660
CIELab	30.81, 16.32, 18.76
CIELCh	31, 24.863, 48.970
Yxy	6.5702, 0.4458, 0.3714
Android (android.graphics.Color)	4285021740 (0xFF683E2C)
YUV	72.5060, -14.0535, 27.6202
Hunter-Lab	25.6323, 10.0617, 10.4588

Details

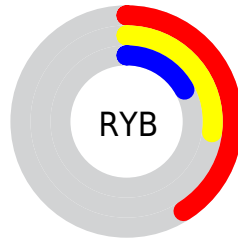
The Hex color **683E2C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C5668**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9E6E5A**, and **361200** is the 20% darker color. If you saturate the color by 10%, you get **683722**, and if you desaturate by 10%, it is **684536**.

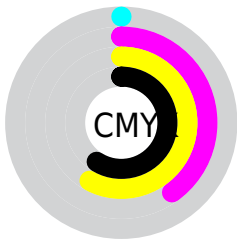
Distribution



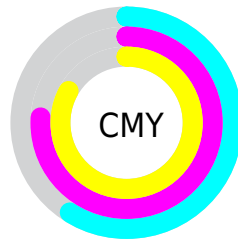
- Red (41%)
- Green (24%)
- Blue (17%)



- Red (41%)
- Yellow (27%)
- Blue (17%)



- Cyan (0%)
- Magenta (40%)
- Yellow (58%)
- Black (59%)



- Cyan (59%)
- Magenta (76%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683E2C 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 683E2C by changing the saturation by 10% instead.



683E2C



683E2C

FFFFFF



4E2817



9E6E5A



361200



B98772



200000



D6A28C



000000



F3BDA6



FFD9C2



FFF5DE



FFFFFFA



683E2C



683E2C

■ 683722

■ 684536

■ 682F17

■ 684D41

■ 68280D

■ 68544B

■ 682102

■ 685B56

■ 681F00

■ 686260

■ 686A6A

■ 687175

■ 68787F

■ 68808A

Harmonies

Analogous

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



6E393D



683E2C



5B4522

Triad

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



683E2C



135240



3F466D

Complementary

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



683E2C



2C5668

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.



174D6E



683E2C



005354

Square

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



683E2C



32502E



005165



5A3F62

Rectangle

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



683E2C



4F4921



005165



34496F

Sweetspot

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



683E2C



877770



682C56



453B37



C4C4C4



454545

Same Dimension

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



683E2C



87462A



685C2C



332F2E



732200



F24900

Inverse Universe

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



2C5668



2A6B87



2C3868



2E3133



005073



00AAF2

Previews

White Background



This preview shows how the Hex color 683E2C looks on a white background.

Color Contrast Check

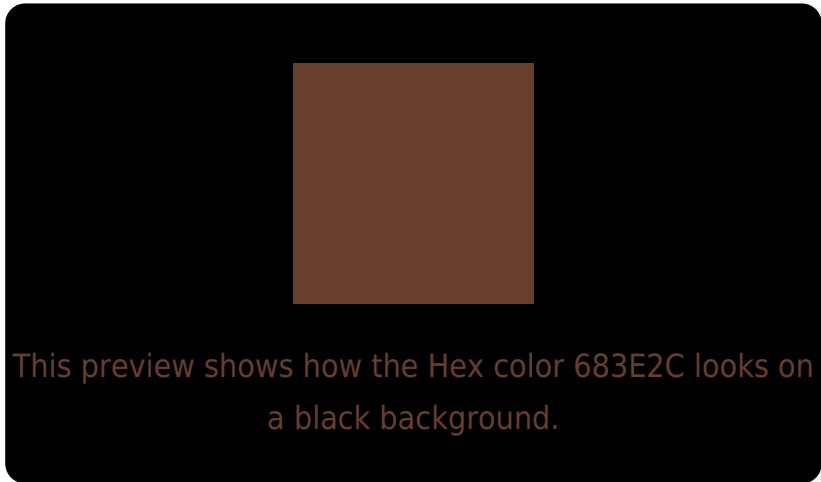
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 683E2C Background



This preview shows how black text looks on a background with the Hex color 683E2C.

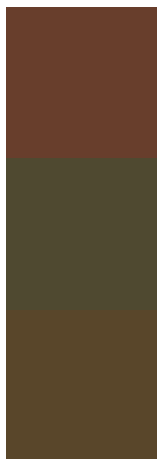


This preview shows how white text looks on a background with the Hex color 683E2C.

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
683E2C

Protanopia
4F4930

Deuteranopia
59462A



Tritanopia
693B40

Trichromacy



Original Color
683E2C

Protanomaly
58452F

Deuteranomaly
5E432B

Tritanomaly
693C39

Monochromacy



Original Color
683E2C

Achromatopsia
494949

Achromatomaly
54453E

CSS Examples

Text

The CSS property to change the color of the text to Hex 683E2C 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 #683E2C looks like.

```
.text, #text, p{  
    color:#683E2C  
}
```

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 #683E2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683E2C
}
```

Border

The CSS property to change the border of an element to Hex 683E2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

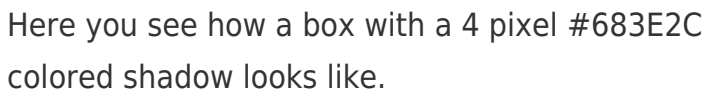
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683E2C }
```

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

```
.border{ border-color:#683E2C }
```

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



Here you see how a box with a 4 pixel #683E2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683E2C; -webkit-box-shadow:4px 4px  
4px 4px #683E2C; box-shadow:4px 4px 4px  
4px #683E2C }
```

Background

The CSS property to change the background color of an element to Hex 683E2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683E2C }
```

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

```
.background{ background-color:#683E2C }
```

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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