

# Converting Colors

Hex(683E27)

Have a look what the booklet for  
Hex(683E27) contains.

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# Color

**Hex(683E27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	683E27
RGB	104, 62, 39
RGB Percent	41%, 24%, 15%
CMY	0.5922, 0.7569, 0.8471
CMYK	0.00, 0.40, 0.62, 0.59
HSL	21°, 45%, 28%
HSV	21°, 62%, 41%
XYZ	7.7978, 6.5348, 2.7698
YIQ	71.9360, 32.4150, 1.7510

# Conversions

## Conversions Part 2

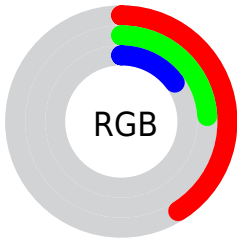
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 75, 39
Decimal	6831655
CIELab	30.72, 15.87, 21.74
CIElCh	31, 26.912, 53.875
Yxy	6.5348, 0.4559, 0.3821
Android (android.graphics.Color)	4285021735 (0xFF683E27)
YUV	71.9360, -16.2374, 28.1201
Hunter-Lab	25.5632, 9.7136, 11.4701

# Details

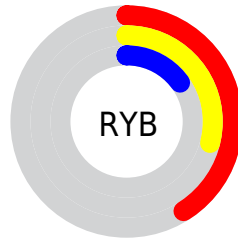
The Hex color **683E27** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **275168**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9E6E55**, and **361300** is the 20% darker color. If you saturate the color by 10%, you get **68371D**, and if you desaturate by 10%, it is **684531**.

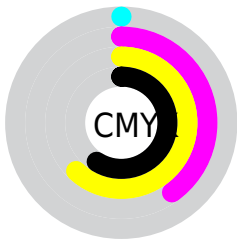
# Distribution



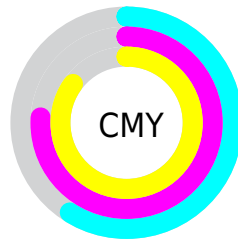
- Red (41%)
- Green (24%)
- Blue (15%)



- Red (41%)
- Yellow (29%)
- Blue (15%)



- Cyan (0%)
- Magenta (40%)
- Yellow (62%)
- Black (59%)



- Cyan (59%)
- Magenta (76%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 683E27 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 683E27 by changing the saturation by 10% instead.





683E27



683E27

FFFFFF



4E2812



9E6E55



361300



BA876D



1F0000



D6A286



000000



F3BDA1



FFD9BC



FFF5D8



FFFFF4



683E27



683E27

■ 68371D

■ 684531

■ 683112

■ 684B3C

■ 682A08

■ 685246

■ 682500

■ 685951

■ 68605B

■ 686665

■ 686D70

■ 68747A

■ 687A85

# Harmonies

## Analogous

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



703838



683E27



59461E

# Triad

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



683E27



005343



43456F

# Complementary

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



683E27



275168

# 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.



174C72



683E27



005359

# Square

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



683E27



2B512F



00516A



5E3C61

# Rectangle

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



683E27



4B4A1E



00516A



374771



# Sweetspot

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



683E27



87776D



682751



453B35



C4C4C4



454545



# Same Dimension

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



683E27



874622



685E27



33302E



732900



F25600



# Inverse Universe

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



275168



226387



273168



2E3133



004A73



009DF2



# Previews

## White Background



This preview shows how the Hex color 683E27 looks on a white background.

## Color Contrast Check

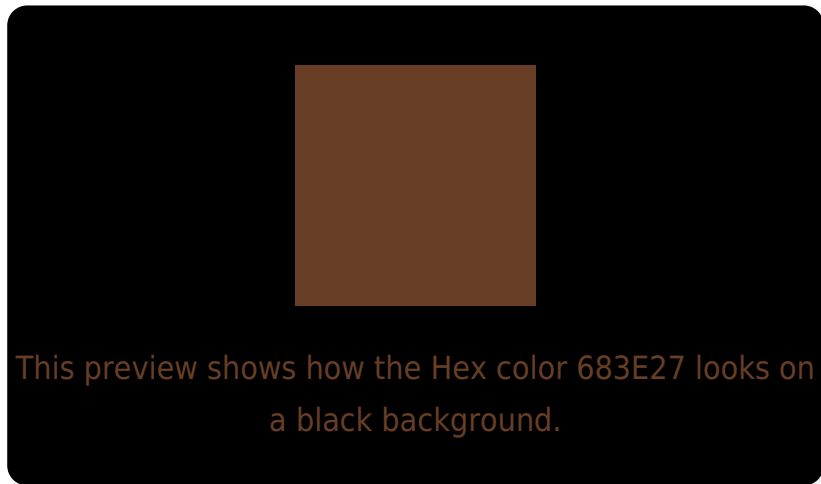
Large Text (above 18pt) WCAG AA ✓ Pass

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

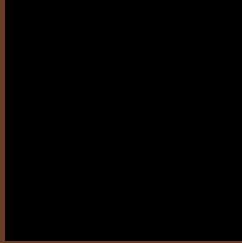
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 683E27 Background



This preview shows how black text looks on a background with the Hex color 683E27.



This preview shows how white text looks on a background with the Hex color 683E27.

# 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**  
683E27

**Protanopia**  
50492B

**Deuteranopia**  
594525



**Tritanopia**  
6A3B3F

# Trichromacy



**Original Color**  
683E27

**Protanomaly**  
59452A

**Deuteranomaly**  
5E4226

**Tritanomaly**  
693C36

# Monochromacy



**Original Color**  
683E27

**Achromatopsia**  
484848

**Achromatomaly**  
54443C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 683E27 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 #683E27 looks like.

```
.text, #text, p{  
    color:#683E27  
}
```

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 #683E27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683E27
}
```

## Border

The CSS property to change the border of an element to Hex 683E27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

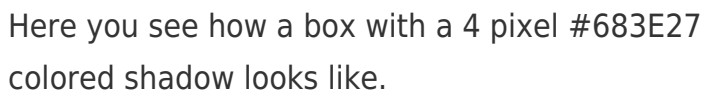
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683E27 }
```

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

```
.border{ border-color:#683E27 }
```

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



Here you see how a box with a 4 pixel #683E27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683E27; -webkit-box-shadow:4px 4px  
4px 4px #683E27; box-shadow:4px 4px 4px  
4px #683E27 }
```

# Background

The CSS property to change the background color of an element to Hex 683E27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683E27 }
```

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

```
.background{ background-color:#683E27 }
```

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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