

# Converting Colors

Hex(68443C)

Have a look what the booklet for  
Hex(68443C) contains.

<b>Hex(68443C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(68443C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68443C
RGB	104, 68, 60
RGB Percent	41%, 27%, 24%
CMY	0.5922, 0.7333, 0.7647
CMYK	0.00, 0.35, 0.42, 0.59
HSL	11°, 27%, 32%
HSV	11°, 42%, 41%
XYZ	8.5917, 7.4035, 5.2512
YIQ	77.8520, 24.0240, 5.1440

# Conversions

## Conversions Part 2

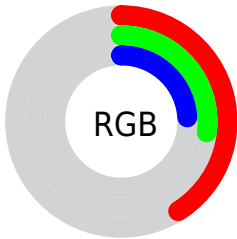
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 70, 60
Decimal	6833212
CIELab	32.71, 14.45, 11.18
CIElCh	33, 18.267, 37.738
Yxy	7.4035, 0.4044, 0.3485
Android (android.graphics.Color)	4285023292 (0xFF68443C)
YUV	77.8520, -8.8010, 22.9318
Hunter-Lab	27.2095, 8.7466, 7.6042

# Details

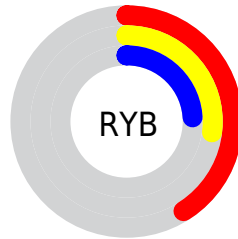
The Hex color **68443C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C6068**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9D746B**, and **371812** is the 20% darker color. If you saturate the color by 10%, you get **683B32**, and if you desaturate by 10%, it is **684D46**.

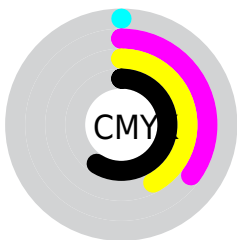
# Distribution



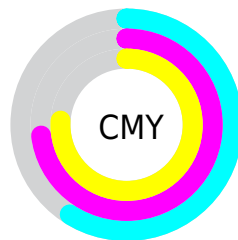
- Red (41%)
- Green (27%)
- Blue (24%)



- Red (41%)
- Yellow (27%)
- Blue (24%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (59%)



- Cyan (59%)
- Magenta (73%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68443C 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 68443C by changing the saturation by 10% instead.



 68443C

 68443C

FFFFFF

 4F2D26

 9D746B

 371812

 B88E85

 220000

 D4A99F

 000000

 F1C4BA

 FFE0D5

 FFFDF2

 68443C

 68443C

 683B32

 684D46

■ 683327

■ 685551

■ 682A1D

■ 685E5B

■ 682212

■ 686666

■ 681908

■ 686F70

■ 681300

■ 68777A

■ 688085

■ 68888F

■ 68919A

# Harmonies

## Analogous

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



69424A



68443C



604833

# Triad

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



68443C



325442



3F4D69

# Complementary

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



68443C



3C6068

# 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.



2A5167



68443C



225550

# Square

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



68443C



435136



1C545E



544864

# Rectangle

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



68443C



584C30



1C545E



384F69



# Sweetspot

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



68443C



877976



683C61



453C3A



C4C4C4



454545



# Same Dimension

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



68443C



874F42



68593C



332F2E



731500



F22C00



# Inverse Universe

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



3C6068



427B87



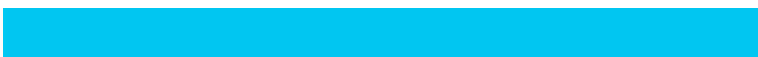
3C4B68



2E3233



005E73



00C6F2



# Previews

## White Background



This preview shows how the Hex color 68443C looks on a white background.

## Color Contrast Check

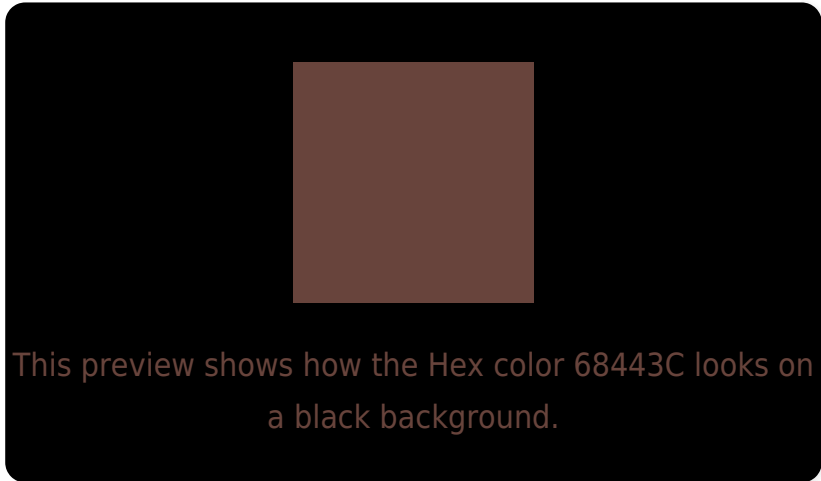
Large Text (above 18pt) WCAG AA ✓ Pass

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 68443C Background



This preview shows how black text looks on a background with the Hex color 68443C.

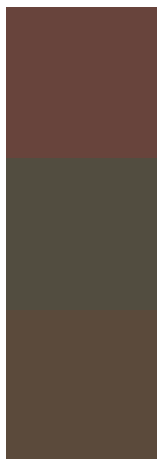


This preview shows how white text looks on a background with the Hex color 68443C.

# 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**  
68443C

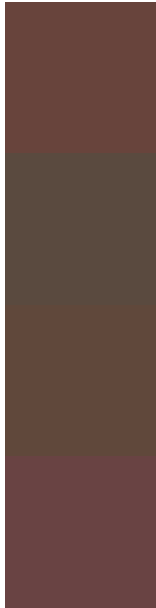
**Protanopia**  
524D40

**Deuteranopia**  
5B4A3B



**Tritanopia**  
694247

# Trichromacy



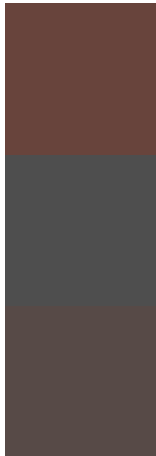
**Original Color**  
68443C

**Protanomaly**  
5A4A3F

**Deuteranomaly**  
60483B

**Tritanomaly**  
694343

# Monochromacy



**Original Color**  
68443C

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
574A47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68443C 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 #68443C looks like.

```
.text, #text, p{  
    color:#68443C  
}
```

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 #68443C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68443C
}
```

## Border

The CSS property to change the border of an element to Hex 68443C is called "border". The border property can be set on classes, ids or directly on the HTML element.

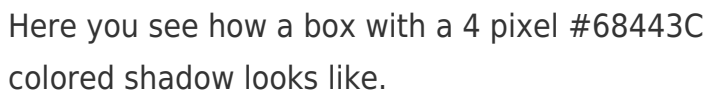
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68443C }
```

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

```
.border{ border-color:#68443C }
```

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



Here you see how a box with a 4 pixel #68443C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68443C; -webkit-box-shadow:4px 4px  
4px 4px #68443C; box-shadow:4px 4px 4px  
4px #68443C }
```

# Background

The CSS property to change the background color of an element to Hex 68443C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68443C }
```

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

```
.background{ background-color:#68443C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor