

# Converting Colors

Hex(6F403C)

Have a look what the booklet for  
Hex(6F403C) contains.

<b>Hex(6F403C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6F403C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F403C
RGB	111, 64, 60
RGB Percent	44%, 25%, 24%
CMY	0.5647, 0.7490, 0.7647
CMYK	0.00, 0.42, 0.46, 0.56
HSL	5°, 30%, 34%
HSV	5°, 46%, 44%
XYZ	9.2046, 7.3725, 5.2129
YIQ	77.5970, 29.2960, 8.7200

# Conversions

## Conversions Part 2

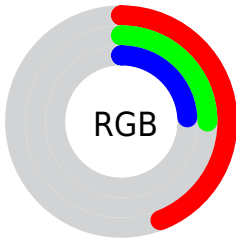
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 64, 60
Decimal	7290940
CIE <sub>Lab</sub>	32.64, 19.95, 11.24
CIE <sub>LCh</sub>	33, 22.902, 29.394
Yxy	7.3725, 0.4224, 0.3383
Android (android.graphics.Color)	4285481020 (0xFF6F403C)
YUV	77.5970, -8.6753, 29.2944
Hunter-Lab	27.1524, 12.9940, 7.6239

# Details

The Hex color **6F403C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C6B6F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **A5706B**, and **3C1412** is the 20% darker color. If you saturate the color by 10%, you get **6F3631**, and if you desaturate by 10%, it is **6F4A47**.

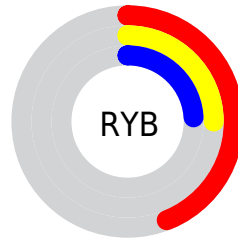
# Distribution



Red (44%)

Green (25%)

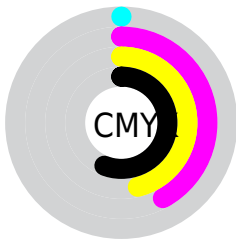
Blue (24%)



Red (44%)

Yellow (25%)

Blue (24%)

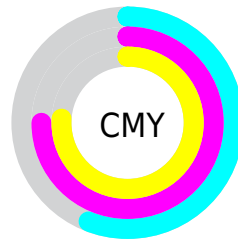


Cyan (0%)

Magenta (42%)

Yellow (46%)

Black (56%)



Cyan (56%)

Magenta (75%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F403C 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 6F403C by changing the saturation by 10% instead.



 6F403C

 6F403C

FFFFFF

 552926

 A5706B

 3C1412

 C08A84

 270000

 DDA59F

 000000

 FAC0BA

 FFD0D5

 FFF8F2

 6F403C

 6F403C

 6F3631

 6F4A47

■ 6F2C26

■ 6F5452

■ 6F211B

■ 6F5F5D

■ 6F1710

■ 6F6968

■ 6F0D04

■ 6F7374

■ 6F0900

■ 6F7D7F

■ 6F888A

■ 6F9295

■ 6F9CA0

# Harmonies

## Analogous

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



6E3F4E



6F403C



67452E

# Triad

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



6F403C



30553A



314F71

# Complementary

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



6F403C



3C6B6F

# 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.



08536B



6F403C



15564C

# Square

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



6F403C



46512D



00565E



4E486C

# Rectangle

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



6F403C



5E4929



00565E



255070



# Sweetspot

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



6F403C



917F7D



6F3C6C



4A3E3D



C9C9C9



4A4A4A



# Same Dimension

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



6F403C



914841



6F593C



383332



780900



F71300



# Inverse Universe

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



3C6B6F



418B91



3C526F



323838



006E78

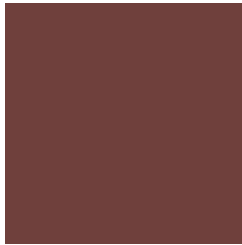


00E4F7



# Previews

## White Background



This preview shows how the Hex color 6F403C looks on a white background.

## Color Contrast Check

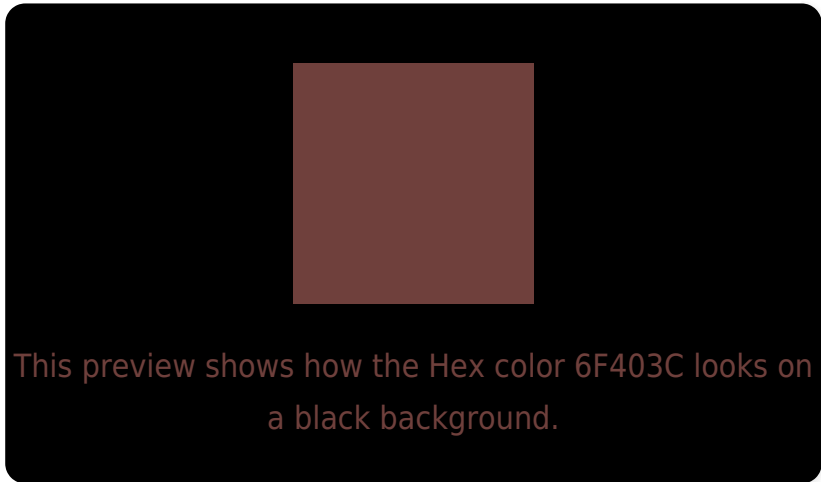
Large Text (above 18pt) WCAG AA ✓ Pass

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

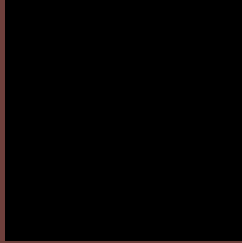
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F403C Background



This preview shows how black text looks on a background with the Hex color 6F403C.

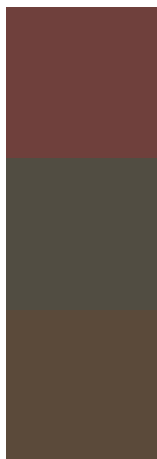


This preview shows how white text looks on a background with the Hex color 6F403C.

# 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**  
6F403C

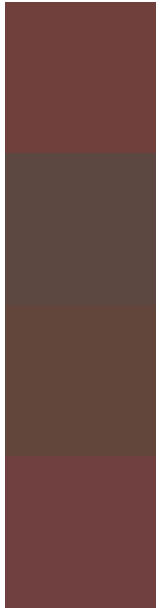
**Protanopia**  
514D42

**Deuteranopia**  
5B4A3A



**Tritanopia**  
703F43

# Trichromacy



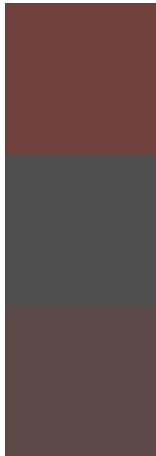
**Original Color**  
6F403C

**Protanomaly**  
5C4840

**Deuteranomaly**  
62463B

**Tritanomaly**  
703F40

# Monochromacy



**Original Color**  
6F403C

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5A4947

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F403C 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 #6F403C looks like.

```
.text, #text, p{  
    color:#6F403C  
}
```

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 #6F403C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F403C
}
```

## Border

The CSS property to change the border of an element to Hex 6F403C is called "border". The border property can be set on classes, ids or directly on the HTML element.

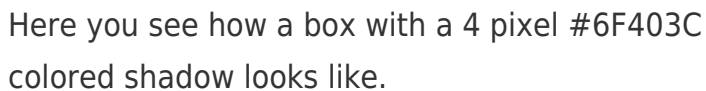
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F403C }
```

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

```
.border{ border-color:#6F403C }
```

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



Here you see how a box with a 4 pixel #6F403C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F403C; -webkit-box-shadow:4px 4px  
4px 4px #6F403C; box-shadow:4px 4px 4px  
4px #6F403C }
```

# Background

The CSS property to change the background color of an element to Hex 6F403C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F403C }
```

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

```
.background{ background-color:#6F403C }
```

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