

# Converting Colors

Hex(6F433B)

Have a look what the booklet for  
Hex(6F433B) contains.

<b>Hex(6F433B)</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(6F433B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F433B
RGB	111, 67, 59
RGB Percent	44%, 26%, 23%
CMY	0.5647, 0.7373, 0.7686
CMYK	0.00, 0.40, 0.47, 0.56
HSL	9°, 31%, 33%
HSV	9°, 47%, 44%
XYZ	9.3521, 7.7096, 5.1329
YIQ	79.2440, 28.7920, 6.8400

# Conversions

## Conversions Part 2

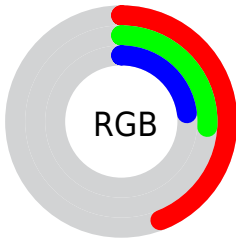
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 68, 59
Decimal	7291707
CIE Lab	33.37, 18.03, 12.87
CIE LCh	33, 22.151, 35.531
Yxy	7.7096, 0.4214, 0.3474
Android (android.graphics.Color)	4285481787 (0xFF6F433B)
YUV	79.2440, -9.9803, 27.8500
Hunter-Lab	27.7661, 11.5312, 8.4759

# Details

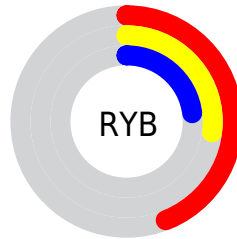
The Hex color **6F433B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B676F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A5746A**, and **3D1711** is the 20% darker color. If you saturate the color by 10%, you get **6F3A30**, and if you desaturate by 10%, it is **6F4C46**.

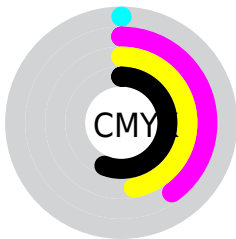
# Distribution



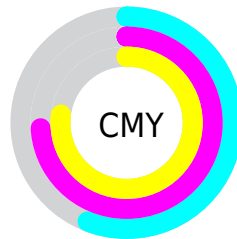
- Red (44%)
- Green (26%)
- Blue (23%)



- Red (44%)
- Yellow (27%)
- Blue (23%)



- Cyan (0%)
- Magenta (40%)
- Yellow (47%)
- Black (56%)



- Cyan (56%)
- Magenta (74%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F433B 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 6F433B by changing the saturation by 10% instead.





6F433B



6F433B

FFFFFF



552C25



A5746A



3D1711



C08D83



270000



DDA89E



000000



FAC3B8



FFDFD4



FFFCF0



6F433B



6F433B



6F3A30



6F4C46

■ 6F3025

■ 6F5651

■ 6F271A

■ 6F5F5C

■ 6F1D0F

■ 6F6967

■ 6F1404

■ 6F7273

■ 6F1100

■ 6F7B7E

■ 6F8589

■ 6F8E94

■ 6F989F

# Harmonies

## Analogous

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



70414C



6F433B



66482F

# Triad

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



6F433B



2F573F



3A4F71

# Complementary

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



6F433B



3B676F

# 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.



1A546E



6F433B



155851

# Square

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



6F433B



445331



005762



55496B

# Rectangle

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



6F433B



5C4D2B



005762



305171



# Sweetspot

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



6F433B



91807D



6F3B67



4A3F3D



C9C9C9



4A4A4A



# Same Dimension

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



6F433B



914C40



6F5D3B



383332



781200



F72600



# Inverse Universe

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



3B676F



408591



3B4D6F



323738



006578



00D1F7



# Previews

## White Background



This preview shows how the Hex color 6F433B looks on a white background.

## Color Contrast Check

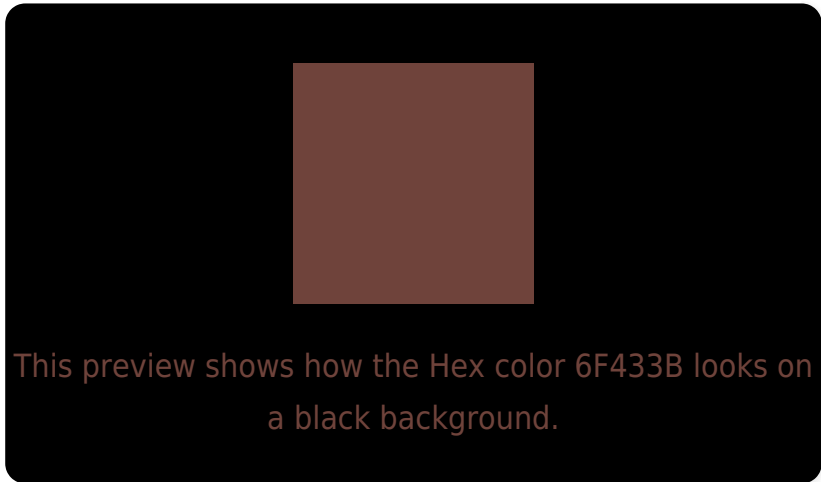
Large Text (above 18pt) WCAG AA ✓ Pass

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

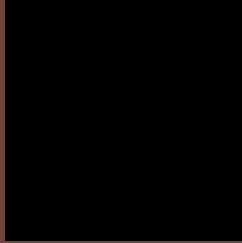
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F433B Background



This preview shows how black text looks on a background with the Hex color 6F433B.

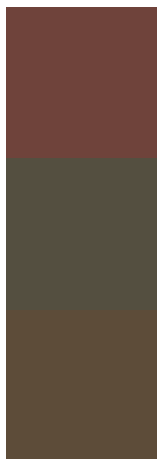


This preview shows how white text looks on a background with the Hex color 6F433B.

# 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**  
6F433B

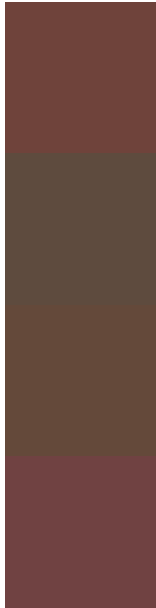
**Protanopia**  
544F40

**Deuteranopia**  
5D4C39



**Tritanopia**  
704146

# Trichromacy



**Original Color**  
6F433B

**Protanomaly**  
5E4B3E

**Deuteranomaly**  
64493A

**Tritanomaly**  
704242

# Monochromacy



**Original Color**  
6F433B

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
5B4B48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F433B 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 #6F433B looks like.

```
.text, #text, p{  
    color:#6F433B  
}
```

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 #6F433B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F433B
}
```

## Border

The CSS property to change the border of an element to Hex 6F433B is called "border". The border property can be set on classes, ids or directly on the HTML element.

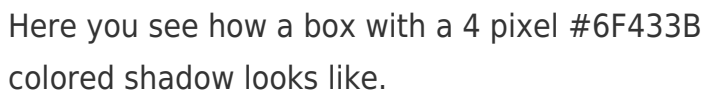
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F433B }
```

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

```
.border{ border-color:#6F433B }
```

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



Here you see how a box with a 4 pixel #6F433B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F433B; -webkit-box-shadow:4px 4px  
4px 4px #6F433B; box-shadow:4px 4px 4px  
4px #6F433B }
```

# Background

The CSS property to change the background color of an element to Hex 6F433B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F433B }
```

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

```
.background{ background-color:#6F433B }
```

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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