

# Converting Colors

Hex(6F431C)

Have a look what the booklet for  
Hex(6F431C) contains.

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**Color**

**Hex(6F431C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F431C
RGB	111, 67, 28
RGB Percent	44%, 26%, 11%
CMY	0.5647, 0.7373, 0.8902
CMYK	0.00, 0.40, 0.75, 0.56
HSL	28°, 60%, 27%
HSV	28°, 75%, 44%
XYZ	8.7723, 7.4777, 2.0796
YIQ	75.7100, 38.7430, -2.8010

# Conversions

## Conversions Part 2

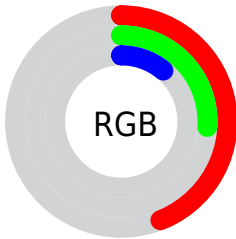
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 102, 28
Decimal	7291676
CIE <sub>Lab</sub>	32.87, 15.31, 30.80
CIE <sub>LCh</sub>	33, 34.394, 63.568
Yxy	7.4777, 0.4786, 0.4080
Android (android.graphics.Color)	4285481756 (0xFF6F431C)
YUV	75.7100, -23.5210, 30.9493
Hunter-Lab	27.3453, 9.4080, 14.6328

# Details

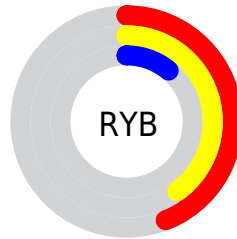
The Hex color **6F431C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1C486F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **A6734A**, and **3B1700** is the 20% darker color. If you saturate the color by 10%, you get **6F3D11**, and if you desaturate by 10%, it is **6F4927**.

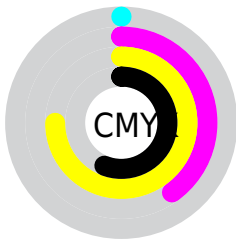
# Distribution



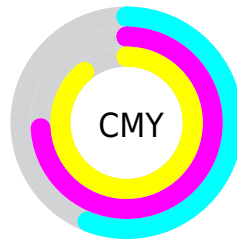
- Red (44%)
- Green (26%)
- Blue (11%)



- Red (44%)
- Yellow (40%)
- Blue (11%)



- Cyan (0%)
- Magenta (40%)
- Yellow (75%)
- Black (56%)



- Cyan (56%)
- Magenta (74%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F431C 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 6F431C by changing the saturation by 10% instead.



 6F431C

 6F431C

FFFFFF

 552D04

 A6734A

 3B1700

 C38D62

 230000

 E0A77B

 000000

 FDC395

 FFDFB0

 FFFBCC

 FFFF8

 6F431C

 6F431C

■ 6F3D11

■ 6F4927

■ 6F3706

■ 6F4F32

■ 6F3400

■ 6F553D

■ 6F5B48

■ 6F6053

■ 6F665F

■ 6F6C6A

■ 6F7275

■ 6F7880

# Harmonies

## Analogous

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



7D3931



6F431C



594D13

# Triad

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



6F431C



005B50



53457B

# Complementary

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



6F431C



1C486F

# 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.



184F83



6F431C



005A6B

# Square

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



6F431C



125934



00567E



713A66

# Rectangle

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



6F431C



475218



00567E



44497F



# Sweetspot

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



6F431C



918071



6F1C48



4A4037



C9C9C9



4A4A4A



# Same Dimension

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



6F431C



914C0F



6F6C1C



383532



783800



F77400



# Inverse Universe

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



1C486F



0F5491



1C1F6F



323538



004078



0083F7



# Previews

## White Background



This preview shows how the Hex color 6F431C 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 6F431C Background



This preview shows how black text looks on a background with the Hex color 6F431C.



This preview shows how white text looks on a background with the Hex color 6F431C.

# 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**  
6F431C

**Protanopia**  
574E1F

**Deuteranopia**  
614A1A



**Tritanopia**  
713F43

# Trichromacy



**Original Color**  
6F431C

**Protanomaly**  
604A1E

**Deuteranomaly**  
66471B

**Tritanomaly**  
704035

# Monochromacy



**Original Color**  
6F431C

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
59493B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F431C 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 #6F431C looks like.

```
.text, #text, p{  
    color:#6F431C  
}
```

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 #6F431C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F431C
}
```

## Border

The CSS property to change the border of an element to Hex 6F431C is called "border". The border property can be set on classes, ids or directly on the HTML element.

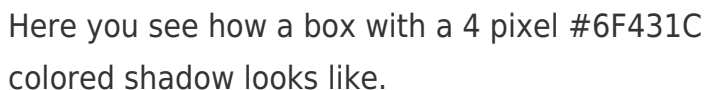
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F431C }
```

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

```
.border{ border-color:#6F431C }
```

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



Here you see how a box with a 4 pixel #6F431C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F431C; -webkit-box-shadow:4px 4px  
4px 4px #6F431C; box-shadow:4px 4px 4px  
4px #6F431C }
```

# Background

The CSS property to change the background color of an element to Hex 6F431C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F431C }
```

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

```
.background{ background-color:#6F431C }
```

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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