

# Converting Colors

Hex(470F1C)

Have a look what the booklet for  
Hex(470F1C) contains.

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**Color**

**Hex(470F1C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	470F1C
RGB	71, 15, 28
RGB Percent	28%, 6%, 11%
CMY	0.7216, 0.9412, 0.8902
CMYK	0.00, 0.79, 0.61, 0.72
HSL	346°, 65%, 17%
HSV	346°, 79%, 28%
XYZ	2.9790, 1.7651, 1.2823
YIQ	33.2260, 29.2030, 15.9150

# Conversions

## Conversions Part 2

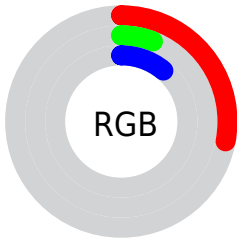
Format	Color
<a href="#">RYB</a>	<a href="#">71, 15, 28</a>
Decimal	<a href="#">4656924</a>
CIELab	<a href="#">14.20, 27.46, 6.57</a>
CIELCh	<a href="#">14, 28.235, 13.457</a>
Yxy	<a href="#">1.7651, 0.4943, 0.2929</a>
Android (android.graphics.Color)	<a href="#">4282847004 (0xFF470F1C)</a>
YUV	<a href="#">33.2260, -2.5764, 33.1278</a>
Hunter-Lab	<a href="#">13.2856, 16.7741, 3.5774</a>

# Details

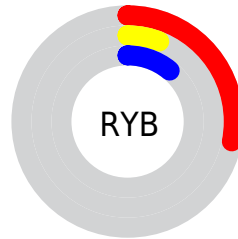
The Hex color **470F1C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F473A**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **7B3E47**, and **060000** is the 20% darker color. If you saturate the color by 10%, you get **470817**, and if you desaturate by 10%, it is **471621**.

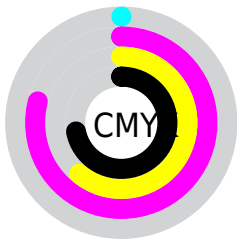
# Distribution



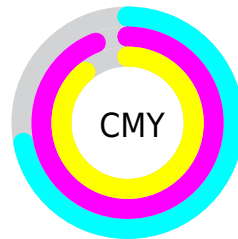
- Red (28%)
- Green (6%)
- Blue (11%)



- Red (28%)
- Yellow (6%)
- Blue (11%)



- Cyan (0%)
- Magenta (79%)
- Yellow (61%)
- Black (72%)



- Cyan (72%)
- Magenta (94%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 470F1C 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 470F1C by changing the saturation by 10% instead.



 470F1C

 470F1C

 FFF8FF

 300001

 7B3E47

 060000

 96565F

 000000

 B26F77

 CE8991

 EBA4AC

 FFBFC7

 FFD8E3

 470F1C

 470F1C

■ 470817

■ 471621

■ 470111

■ 471D27

■ 470010

■ 47242C

■ 472B32

■ 473337

■ 473A3D

■ 474142

■ 474848

■ 474F4D

# Harmonies

## Analogous

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



421130



470F1C



431605

# Triad

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



470F1C



0F2A00



00294A

# Complementary

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



470F1C



0F473A

# 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.



002C3F



470F1C



002C18

# Square

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



470F1C



262600



002D2D



06234B

# Rectangle

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



470F1C



3C1C00



002D2D



002B47



# Sweetspot

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



470F1C



5C464B



3A0F47



2E2124



ADADAD



2E2E2E



# Same Dimension

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



470F1C



5C0519



471E0F



242021



630017



E30035



# Inverse Universe

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



470F1C



5C0519



0F3847



242021



630017

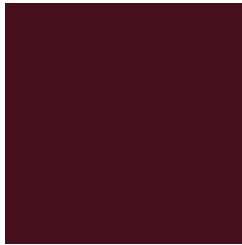


E30035



# Previews

## White Background



This preview shows how the Hex color 470F1C looks on a white background.

## Color Contrast Check

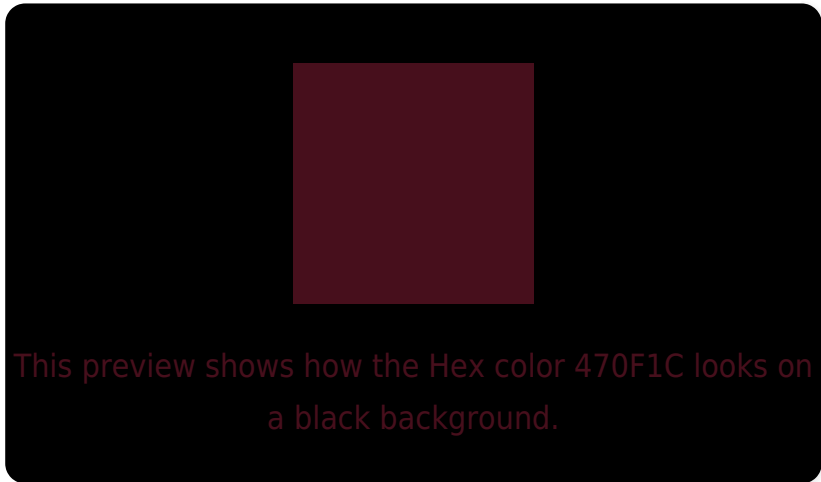
Large Text (above 18pt) WCAG AA ✓ Pass

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

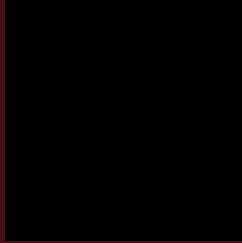
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 470F1C Background



This preview shows how black text looks on a background with the Hex color 470F1C.



This preview shows how white text looks on a background with the Hex color 470F1C.

# 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**  
470F1C

**Protanopia**  
272626

**Deuteranopia**  
2E2419



**Tritanopia**  
471112

# Trichromacy



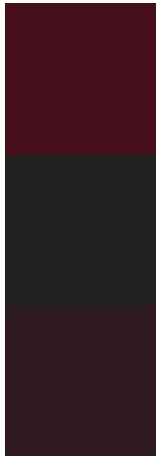
**Original Color**  
470F1C

**Protanomaly**  
331E22

**Deuteranomaly**  
371C1A

**Tritanomaly**  
471016

# Monochromacy



**Original Color**  
470F1C

**Achromatopsia**  
212121

**Achromatomaly**  
2F1A1F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 470F1C 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 #470F1C looks like.

```
.text, #text, p{  
    color:#470F1C  
}
```

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 #470F1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470F1C
}
```

## Border

The CSS property to change the border of an element to Hex 470F1C 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".

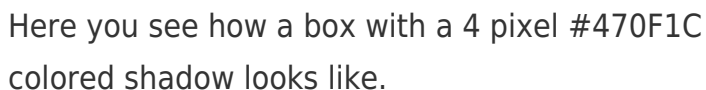
```
.border, #border, table{ border:4px solid
#470F1C }
```

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

```
.border{ border-color:#470F1C }
```

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

Here you see how a box with a 4 pixel #470F1C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #470F1C colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470F1C; -webkit-box-shadow:4px 4px  
4px 4px #470F1C; box-shadow:4px 4px 4px  
4px #470F1C }
```

# Background

The CSS property to change the background color of an element to Hex 470F1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470F1C }
```

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

```
.background{ background-color:#470F1C }
```

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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