

# Converting Colors

Hex(472D1E)

Have a look what the booklet for  
Hex(472D1E) contains.

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# Color

Hex(472D1E)

# Conversions

## Conversions Part 1

Format	Color
Hex	472D1E
RGB	71, 45, 30
RGB Percent	28%, 18%, 12%
CMY	0.7216, 0.8235, 0.8824
CMYK	0.00, 0.37, 0.58, 0.72
HSL	22°, 41%, 20%
HSV	22°, 58%, 28%
XYZ	3.7713, 3.3101, 1.6684
YIQ	51.0640, 20.3110, 0.8470

# Conversions

## Conversions Part 2

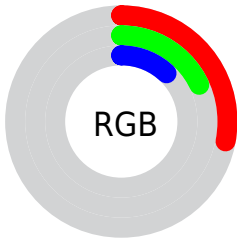
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 54, 30
Decimal	4664606
CIELab	21.25, 10.00, 14.54
CIELCh	21, 17.645, 55.489
Yxy	3.3101, 0.4310, 0.3783
Android (android.graphics.Color)	4282854686 (0xFF472D1E)
YUV	51.0640, -10.3846, 17.4839
Hunter-Lab	18.1937, 5.1613, 7.2984

# Details

The Hex color **472D1E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1E3847**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **795B4A**, and **1A0000** is the 20% darker color. If you saturate the color by 10%, you get **472817**, and if you desaturate by 10%, it is **473225**.

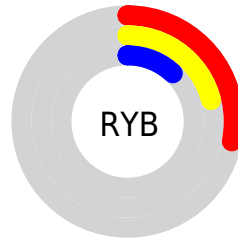
# Distribution



Red (28%)

Green (18%)

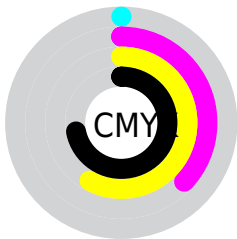
Blue (12%)



Red (28%)

Yellow (21%)

Blue (12%)

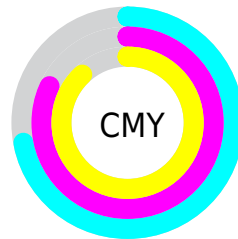


Cyan (0%)

Magenta (37%)

Yellow (58%)

Black (72%)



Cyan (72%)

Magenta (82%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 472D1E 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 472D1E by changing the saturation by 10% instead.





472D1E



472D1E

FFFFFF



301806



795B4A



1A0000



947362



000000



AF8D7B



CAA795



E7C3AF



FFDFCB



FFFBE7



472D1E



472D1E

■ 472817

■ 473225

■ 472410

■ 47362C

■ 471F09

■ 473B33

■ 471B02

■ 473F3A

■ 471A00

■ 474442

■ 474849

■ 474D50

■ 475157

■ 47565E

# Harmonies

## Analogous

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



4C2928



472D1E



3D3219

# Triad

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



472D1E



0E3A31



31304A

# Complementary

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



472D1E



1E3847

# 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.



1C354D



472D1E



003A3E

# Square

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



472D1E



213824



003848



412C42

# Rectangle

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



472D1E



353419



003848



2B324C



# Sweetspot

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



472D1E



5C524C



471E39



2E2825



ADADAD



2E2E2E



# Same Dimension

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



472D1E



5C341C



47411E



242120



632400



E35300



# Inverse Universe

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



1E3847



1C455C



1E2447



202224



003F63



0090E3



# Previews

## White Background



This preview shows how the Hex color 472D1E 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 472D1E Background



This preview shows how black text looks on a background with the Hex color 472D1E.

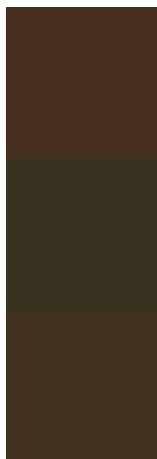


This preview shows how white text looks on a background with the Hex color 472D1E.

# 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**  
472D1E

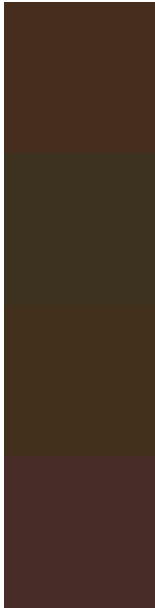
**Protanopia**  
383320

**Deuteranopia**  
3F311D



**Tritanopia**  
482B2E

# Trichromacy



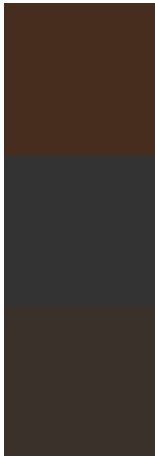
**Original Color**  
472D1E

**Protanomaly**  
3D311F

**Deuteranomaly**  
42301D

**Tritanomaly**  
482C28

# Monochromacy



**Original Color**  
472D1E

**Achromatopsia**  
333333

**Achromatomaly**  
3A312B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 472D1E 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 #472D1E looks like.

```
.text, #text, p{  
    color:#472D1E  
}
```

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 #472D1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472D1E
}
```

## Border

The CSS property to change the border of an element to Hex 472D1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

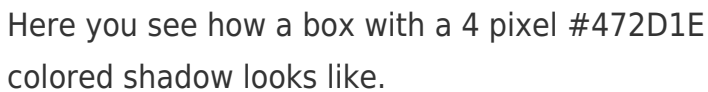
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472D1E }
```

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

```
.border{ border-color:#472D1E }
```

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



Here you see how a box with a 4 pixel #472D1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472D1E; -webkit-box-shadow:4px 4px  
4px 4px #472D1E; box-shadow:4px 4px 4px  
4px #472D1E }
```

# Background

The CSS property to change the background color of an element to Hex 472D1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472D1E }
```

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

```
.background{ background-color:#472D1E }
```

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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