

Converting Colors

Hex(472E13)

Have a look what the booklet for
Hex(472E13) contains.

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Color

Hex(472E13)

Conversions

Conversions Part 1

Format	Color
Hex	472E13
RGB	71, 46, 19
RGB Percent	28%, 18%, 7%
CMY	0.7216, 0.8196, 0.9255
CMYK	0.00, 0.35, 0.73, 0.72
HSL	31°, 58%, 18%
HSV	31°, 73%, 28%
XYZ	3.6931, 3.3406, 1.0662
YIQ	50.3970, 23.5670, -3.0970

Conversions

Conversions Part 2

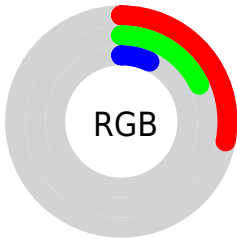
Format	Color
RYB	67, 71, 19
Decimal	4664851
CIELab	21.36, 8.32, 21.62
CIELCh	21, 23.169, 68.958
Yxy	3.3406, 0.4559, 0.4124
Android (android.graphics.Color)	4282854931 (0xFF472E13)
YUV	50.3970, -15.4787, 18.0688
Hunter-Lab	18.2773, 4.0820, 9.3353

Details

The Hex color **472E13** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **132C47**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7A5C3E**, and **180000** is the 20% darker color. If you saturate the color by 10%, you get **472B0C**, and if you desaturate by 10%, it is **47311A**.

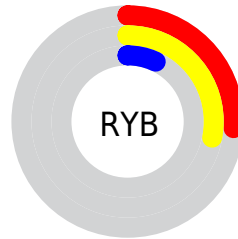
Distribution



Red (28%)

Green (18%)

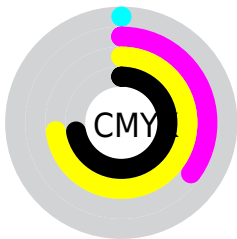
Blue (7%)



Red (26%)

Yellow (28%)

Blue (7%)

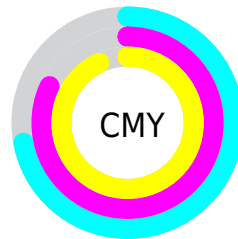


Cyan (0%)

Magenta (35%)

Yellow (73%)

Black (72%)



Cyan (72%)

Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472E13 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 472E13 by changing the saturation by 10% instead.

 472E13

 472E13

 FFFFF6

 301900

 7A5C3E

 180000

 947456

 000000

 B08E6E

 CCA888

 E8C4A2

 FFD9BD

 FFFCD9

 472E13

 472E13

■ 472B0C

■ 47311A

■ 472705

■ 473521

■ 472500

■ 473828

■ 473C2F

■ 473F37

■ 47423E

■ 474645

■ 47494C

■ 474D53

Harmonies

Analogous

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



51281F



472E13



383410

Triad

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



472E13



003C38



3B2D4E

Complementary

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



472E13



132C47

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.



1F3355



472E13



003B48

Square

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



472E13



0B3B26



003853



4C2740

Rectangle

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



472E13



2C3714



003853



332F51

Sweetspot

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



472E13



5C5248



47132C



2E2822



ADADAD



2E2E2E

Same Dimension

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



472E13



5C350B



464713



242220



633400



E37600

Inverse Universe

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



132C47



0B325C



141347



202224



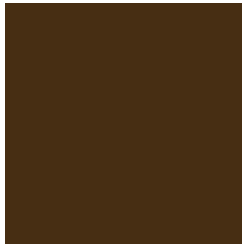
003063



006DE3

Previews

White Background



This preview shows how the Hex color 472E13 looks on a white background.

Color Contrast Check

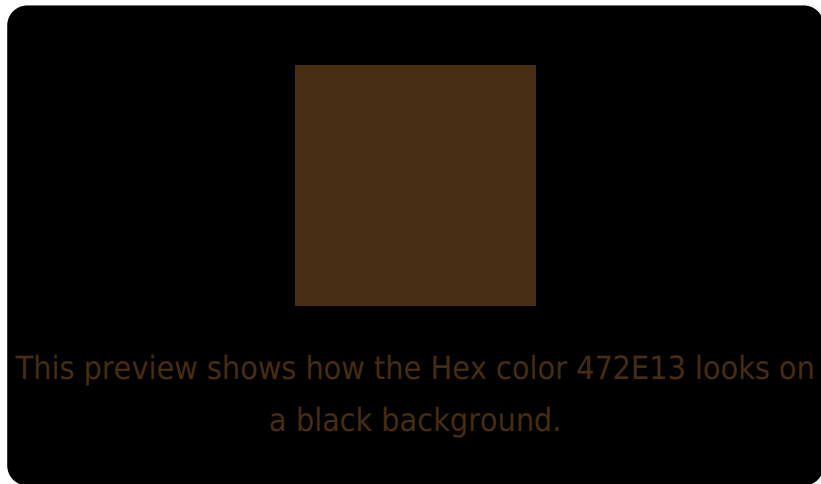
Large Text (above 18pt) WCAG AA ✓ Pass

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

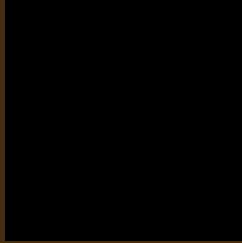
Any Text WCAG AA × Fail

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 472E13 Background



This preview shows how black text looks on a background with the Hex color 472E13.

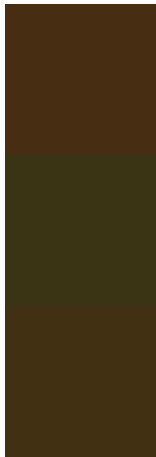


This preview shows how white text looks on a background with the Hex color 472E13.

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
472E13

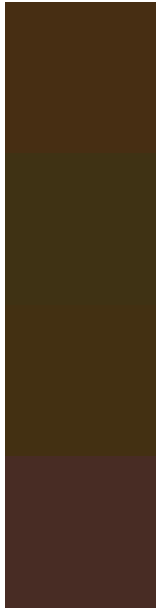
Protanopia
3A3415

Deuteranopia
413112



Tritanopia
492B2E

Trichromacy



Original Color
472E13

Protanomaly
3F3214

Deuteranomaly
433012

Tritanomaly
482C24

Monochromacy



Original Color
472E13

Achromatopsia
323232

Achromatomaly
3A3127

CSS Examples

Text

The CSS property to change the color of the text to Hex 472E13 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 #472E13 looks like.

```
.text, #text, p{  
    color:#472E13  
}
```

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 #472E13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472E13
}
```

Border

The CSS property to change the border of an element to Hex 472E13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

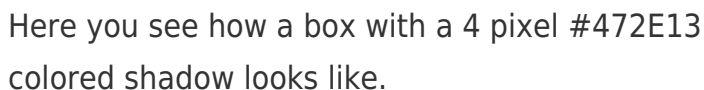
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472E13 }
```

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

```
.border{ border-color:#472E13 }
```

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



Here you see how a box with a 4 pixel #472E13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472E13; -webkit-box-shadow:4px 4px  
4px 4px #472E13; box-shadow:4px 4px 4px  
4px #472E13 }
```

Background

The CSS property to change the background color of an element to Hex 472E13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472E13 }
```

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

```
.background{ background-color:#472E13 }
```

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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