

Converting Colors

Hex(472A1B)

Have a look what the booklet for
Hex(472A1B) contains.

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Color

Hex(472A1B)

Conversions

Conversions Part 1

Format	Color
Hex	472A1B
RGB	71, 42, 27
RGB Percent	28%, 16%, 11%
CMY	0.7216, 0.8353, 0.8941
CMYK	0.00, 0.41, 0.62, 0.72
HSL	20°, 45%, 19%
HSV	20°, 62%, 28%
XYZ	3.6243, 3.0747, 1.4394
YIQ	48.9610, 22.0990, 1.4830

Conversions

Conversions Part 2

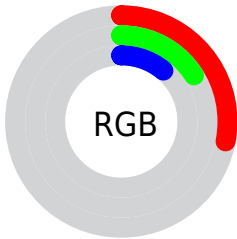
Format	Color
R_{YB}	71, 50, 27
Decimal	4663835
CIE _{Lab}	20.34, 11.65, 15.37
CIE _{LCh}	20, 19.285, 52.824
Yxy	3.0747, 0.4453, 0.3778
Android (android.graphics.Color)	4282853915 (0xFF472A1B)
YUV	48.9610, -10.8268, 19.3282
Hunter-Lab	17.5347, 6.2093, 7.4074

Details

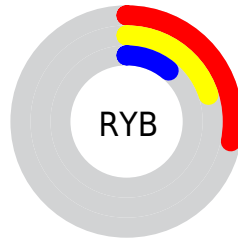
The Hex color **472A1B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1B3847**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **7A5847**, and **190000** is the 20% darker color. If you saturate the color by 10%, you get **472514**, and if you desaturate by 10%, it is **472F22**.

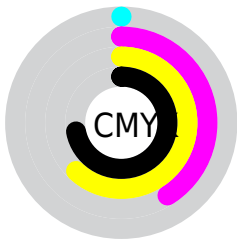
Distribution



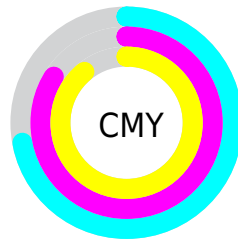
- Red (28%)
- Green (16%)
- Blue (11%)



- Red (28%)
- Yellow (20%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (62%)
- Black (72%)



- Cyan (72%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472A1B 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 472A1B by changing the saturation by 10% instead.

■ 472A1B

■ 472A1B

FFFFFF

■ 301501

■ 7A5847

■ 190000

■ 94705E

■ 000000

■ AF8A77

■ CBA491

■ E8BFAB

■ FFDBC7

■ FFF7E3

■ 472A1B

■ 472A1B

■ 472514

■ 472F22

■ 47210D

■ 473329

■ 471C06

■ 473830

■ 471800

■ 473D37

■ 47413F

■ 474646

■ 474B4D

■ 474F54

■ 47545B

Harmonies

Analogous

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



4C2627



472A1B



3D2F15

Triad

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



472A1B



06382D



2D2F4B

Complementary

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



472A1B



1B3847

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.



12344D



472A1B



00383C

Square

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



472A1B



1E371F



003747



3F2942

Rectangle

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



472A1B



343215



003747



25304D

Sweetspot

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



472A1B



5C504A



471B38



2E2723



ADADAD



2E2E2E

Same Dimension

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



472A1B



5C2F18



47401B



242120



632200



E34D00

Inverse Universe

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



1B3847



18455C



1B2247



202224



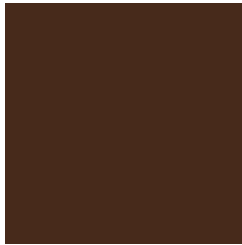
004263



0096E3

Previews

White Background



This preview shows how the Hex color 472A1B looks on a white background.

Color Contrast Check

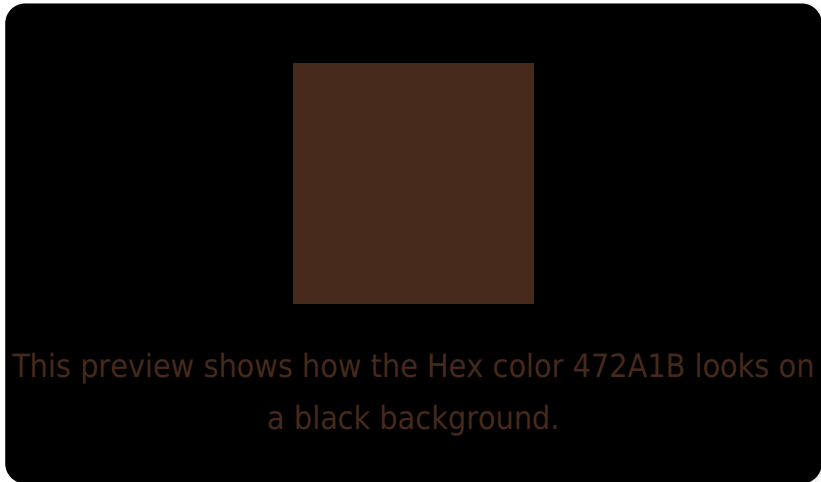
Large Text (above 18pt) WCAG AA ✓ Pass

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

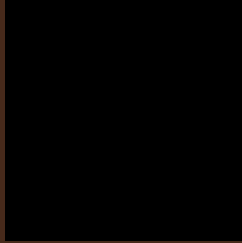
Any Text WCAG AA × Fail

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 472A1B Background



This preview shows how black text looks on a background with the Hex color 472A1B.

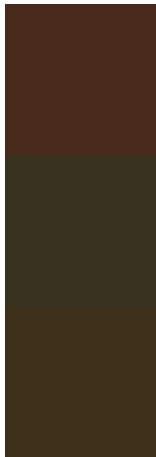


This preview shows how white text looks on a background with the Hex color 472A1B.

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
472A1B

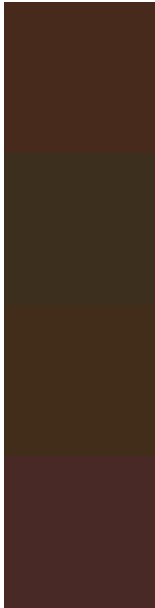
Protanopia
36321E

Deuteranopia
3D2F1A



Tritanopia
48282B

Trichromacy



Original Color
472A1B

Protanomaly
3C2F1D

Deuteranomaly
412D1A

Tritanomaly
482925

Monochromacy



Original Color
472A1B

Achromatopsia
313131

Achromatomaly
392E29

CSS Examples

Text

The CSS property to change the color of the text to Hex 472A1B 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 #472A1B looks like.

```
.text, #text, p{  
    color:#472A1B  
}
```

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 #472A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472A1B
}
```

Border

The CSS property to change the border of an element to Hex 472A1B 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".

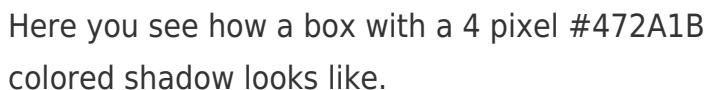
```
.border, #border, table{ border:4px solid
#472A1B }
```

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

```
.border{ border-color:#472A1B }
```

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

Here you see how a box with a 4 pixel #472A1B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472A1B; -webkit-box-shadow:4px 4px  
4px 4px #472A1B; box-shadow:4px 4px 4px  
4px #472A1B }
```

Background

The CSS property to change the background color of an element to Hex 472A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472A1B }
```

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

```
.background{ background-color:#472A1B }
```

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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