

Converting Colors

Hex(472D22)

Have a look what the booklet for
Hex(472D22) contains.

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Color

Hex(472D22)

Conversions

Conversions Part 1

Format	Color
Hex	472D22
RGB	71, 45, 34
RGB Percent	28%, 18%, 13%
CMY	0.7216, 0.8235, 0.8667
CMYK	0.00, 0.37, 0.52, 0.72
HSL	18°, 35%, 21%
HSV	18°, 52%, 28%
XYZ	3.8257, 3.3319, 1.9549
YIQ	51.5200, 19.0270, 2.0910

Conversions

Conversions Part 2

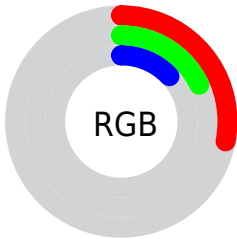
Format	Color
R_{YB}	71, 50, 34
Decimal	4664610
CIE Lab	21.33, 10.46, 11.99
CIE LCh	21, 15.910, 48.885
Yxy	3.3319, 0.4198, 0.3656
Android (android.graphics.Color)	4282854690 (0xFF472D22)
YUV	51.5200, -8.6374, 17.0840
Hunter-Lab	18.2534, 5.4677, 6.4277




Details

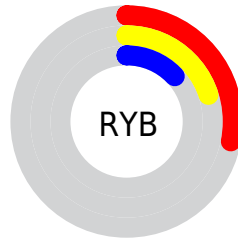
The Hex color **472D22** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **223C47**, and the grayscale version is **343434**.



A 20% lighter version of the original color is **795B4E**, and **1A0000** is the 20% darker color. If you saturate the color by 10%, you get **47281B**, and if you desaturate by 10%, it is **473229**.

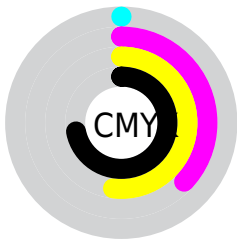
Distribution







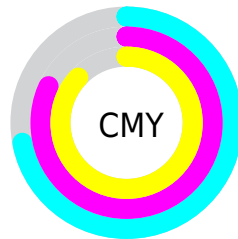
-  Red (28%)
-  Green (18%)
-  Blue (13%)






-  Red (28%)
-  Yellow (20%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (37%)
-  Yellow (52%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (82%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472D22 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 472D22 by changing the saturation by 10% instead.



472D22



472D22

FFFFFF



30180C



795B4E



1A0000



937366



000000



AE8D7F



CAA799



E6C3B4



FFDFD0



FFFBE0



472D22



472D22

■ 47281B

■ 473229

■ 472314

■ 473730

■ 471E0D

■ 473C37

■ 471906

■ 47413E

■ 471500

■ 474646

■ 474B4D

■ 475054

■ 47555B

■ 475A62

Harmonies

Analogous

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



4A2A2C



472D22



3F311C

Triad

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



472D22



17392E



2E3249

Complementary

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



472D22



223C47

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.



1B364A



472D22



08393A

Square

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



472D22



263823



083845



3E2E43

Rectangle

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



472D22



38341C



083845



28334A

Sweetspot

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



472D22



5C514D



47223D



2E2825



ADADAD



2E2E2E

Same Dimension

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



472D22



5C3322



473F22



242120



631E00



E34300

Inverse Universe

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



223C47



224B5C



222A47



202324



004663



009FE3

Previews

White Background



This preview shows how the Hex color 472D22 looks on a white background.

Color Contrast Check

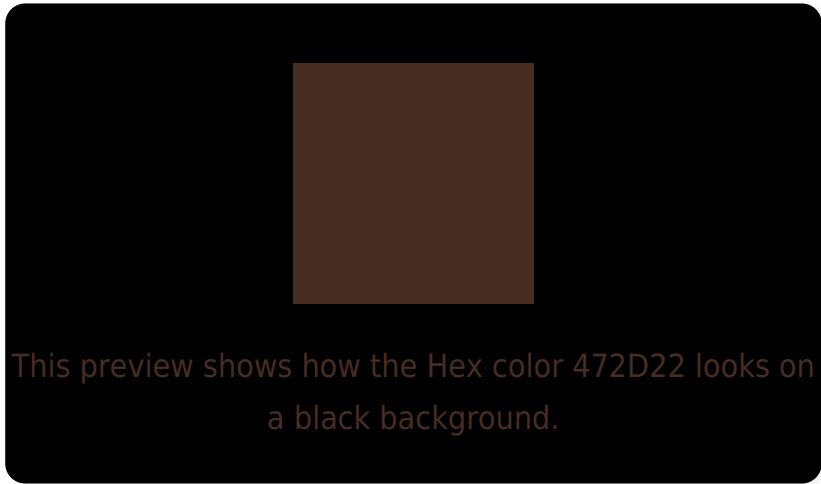
Large Text (above 18pt) WCAG AA ✓ Pass

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

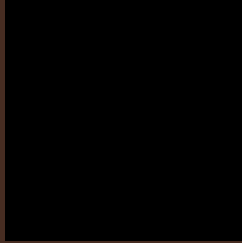
Any Text WCAG AA × Fail

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 472D22 Background



This preview shows how black text looks on a background with the Hex color 472D22.

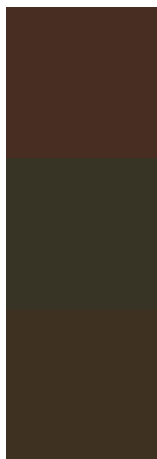


This preview shows how white text looks on a background with the Hex color 472D22.

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
472D22

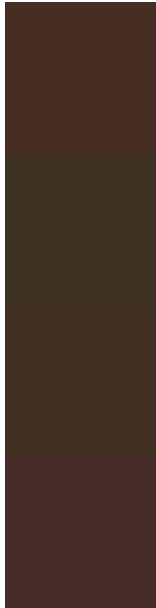
Protanopia
383425

Deuteranopia
3E3121



Tritanopia
482B2F

Trichromacy



Original Color
472D22

Protanomaly
3D3124

Deuteranomaly
413021

Tritanomaly
482C2A

Monochromacy



Original Color
472D22

Achromatopsia
343434

Achromatomaly
3B312D

CSS Examples

Text

The CSS property to change the color of the text to Hex 472D22 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 #472D22 looks like.

```
.text, #text, p{  
    color:#472D22  
}
```

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 #472D22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472D22  
}
```

Border

The CSS property to change the border of an element to Hex 472D22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

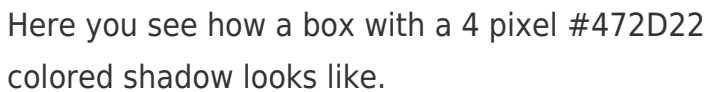
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#472D22 }
```

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

```
.border{ border-color:#472D22 }
```

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



Here you see how a box with a 4 pixel #472D22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472D22; -webkit-box-shadow:4px 4px  
4px 4px #472D22; box-shadow:4px 4px 4px  
4px #472D22 }
```

Background

The CSS property to change the background color of an element to Hex 472D22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472D22 }
```

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

```
.background{ background-color:#472D22 }
```

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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