

Converting Colors

Hex(472308)

Have a look what the booklet for
Hex(472308) contains.

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Color

Hex(472308)

Conversions

Conversions Part 1

Format	Color
Hex	472308
RGB	71, 35, 8
RGB Percent	28%, 14%, 3%
CMY	0.7216, 0.8627, 0.9686
CMYK	0.00, 0.51, 0.89, 0.72
HSL	26°, 80%, 15%
HSV	26°, 89%, 28%
XYZ	3.2434, 2.5592, 0.5528
YIQ	42.6860, 30.1230, -0.7650

Conversions

Conversions Part 2

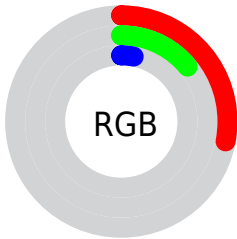
Format	Color
RYB	71, 55, 8
Decimal	4662024
CIELab	18.18, 14.83, 23.45
CIELCh	18, 27.743, 57.683
Yxy	2.5592, 0.5103, 0.4027
Android (android.graphics.Color)	4282852104 (0xFF472308)
YUV	42.6860, -17.1002, 24.8314
Hunter-Lab	15.9975, 8.1943, 9.1496

Details

The Hex color **472308** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **082C47**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7B5035**, and **110000** is the 20% darker color. If you saturate the color by 10%, you get **471F01**, and if you desaturate by 10%, it is **47270F**.

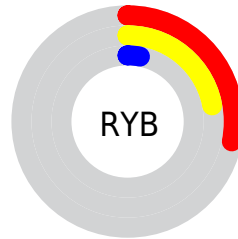
Distribution



Red (28%)

Green (14%)

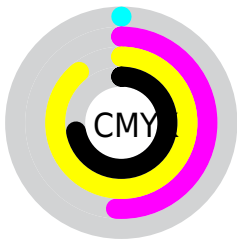
Blue (3%)



Red (28%)

Yellow (22%)

Blue (3%)

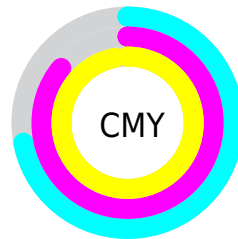


Cyan (0%)

Magenta (51%)

Yellow (89%)

Black (72%)



Cyan (72%)

Magenta (86%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472308 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 472308 by changing the saturation by 10% instead.


 472308

 472308

 FFFFE9

 2E0E00

 7B5035

 110000

 96684C

 000000

 B28164

 CE9C7D

 EBB697

 FFD2B2

 FFEECD

 472308

 472308

■ 471F01

■ 47270F

■ 471E00

■ 472B16

■ 472F1D

■ 473324

■ 47372C

■ 473B33

■ 473F3A

■ 474341

■ 474848

Harmonies

Analogous

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



501B1B



472308



382B00

Triad

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



472308



00362A



292850

Complementary

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



472308



082C47

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.



002F54



472308



00363E

Square

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



472308



063416



00344E



431F42

Rectangle

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



472308



2C2F00



00344E



1C2B53

Sweetspot

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



472308



5C4E43



47082D



2E261F



ADADAD



2E2E2E

Same Dimension

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



472308



5C2700



474208



242220



632B00



E36100

Inverse Universe

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



082C47



00345C



080D47



202224



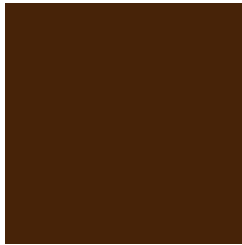
003963



0082E3

Previews

White Background



This preview shows how the Hex color 472308 looks on a white background.

Color Contrast Check

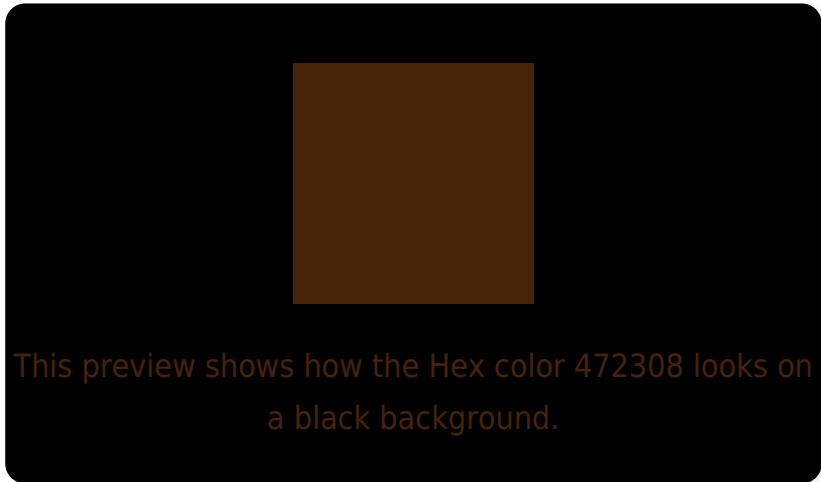
Large Text (above 18pt) WCAG AA ✓ Pass

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

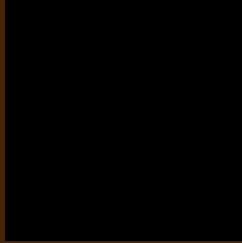
Any Text WCAG AA × Fail

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 472308 Background



This preview shows how black text looks on a background with the Hex color 472308.

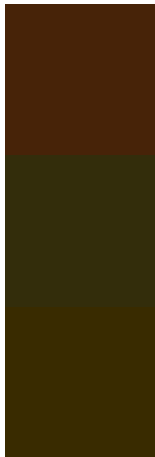


This preview shows how white text looks on a background with the Hex color 472308.

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
472308

Protanopia
332D0B

Deuteranopia
392B00



Tritanopia
482123

Trichromacy



Original Color
472308

Protanomaly
3A290A

Deuteranomaly
3E2803

Tritanomaly
482219

Monochromacy



Original Color
472308

Achromatopsia
2B2B2B

Achromatomaly
35281E

CSS Examples

Text

The CSS property to change the color of the text to Hex 472308 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 #472308 looks like.

```
.text, #text, p{  
    color:#472308  
}
```

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 #472308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472308
}
```

Border

The CSS property to change the border of an element to Hex 472308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

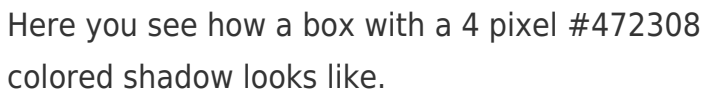
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472308 }
```

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

```
.border{ border-color:#472308 }
```

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



Here you see how a box with a 4 pixel #472308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472308; -webkit-box-shadow:4px 4px  
4px 4px #472308; box-shadow:4px 4px 4px  
4px #472308 }
```

Background

The CSS property to change the background color of an element to Hex 472308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472308 }
```

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

```
.background{ background-color:#472308 }
```

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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