

Converting Colors

Hex(472317)

Have a look what the booklet for
Hex(472317) contains.

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Color

Hex(472317)

Conversions

Conversions Part 1

Format	Color
Hex	472317
RGB	71, 35, 23
RGB Percent	28%, 14%, 9%
CMY	0.7216, 0.8627, 0.9098
CMYK	0.00, 0.51, 0.68, 0.72
HSL	15°, 51%, 18%
HSV	15°, 68%, 28%
XYZ	3.3542, 2.6035, 1.1364
YIQ	44.3960, 25.3080, 3.9000

Conversions

Conversions Part 2

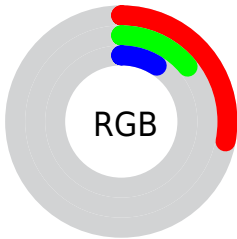
Format	Color
R_{YB}	71, 39, 23
Decimal	4662039
CIE _{Lab}	18.38, 15.81, 15.57
CIE _{LCh}	18, 22.191, 44.557
Yxy	2.6035, 0.4728, 0.3670
Android (android.graphics.Color)	4282852119 (0xFF472317)
YUV	44.3960, -10.5482, 23.3317
Hunter-Lab	16.1354, 8.8695, 7.1192

Details

The Hex color **472317** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **173B47**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7A5042**, and **140000** is the 20% darker color. If you saturate the color by 10%, you get **471E10**, and if you desaturate by 10%, it is **47281E**.

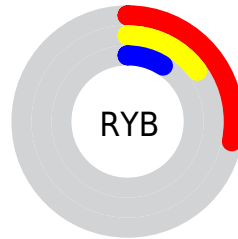
Distribution



Red (28%)

Green (14%)

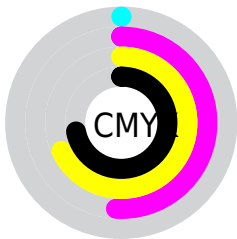
Blue (9%)



Red (28%)

Yellow (15%)

Blue (9%)

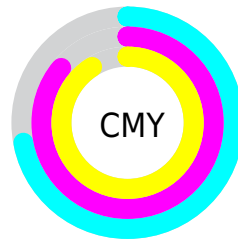


Cyan (0%)

Magenta (51%)

Yellow (68%)

Black (72%)



Cyan (72%)

Magenta (86%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472317 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 472317 by changing the saturation by 10% instead.



472317



472317



FFFFFF9



300E00



7A5042



140000



956859



000000



B08272



CC9C8B



E9B7A6



FFD2C1



FFEFD9



472317



472317

■ 471E10

■ 47281E

■ 471809

■ 472E25

■ 471302

■ 47332C

■ 471200

■ 473833

■ 473E3B

■ 474342

■ 474849

■ 474E50

■ 475357

Harmonies

Analogous

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



4B1F26



472317



3D290D

Triad

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



472317



003424



1F2C4C

Complementary

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



472317



173B47

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.



00314C



472317



003534

Square

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



472317



1C3215



003443



382544

Rectangle

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



472317



342D0A



003443



132E4D

Sweetspot

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



472317



5C4E49



47173B



2E2623



ADADAD



2E2E2E

Same Dimension

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



472317



5C2411



473B17



242120



631900



E33900

Inverse Universe

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



173B47



11495C



172347



202324



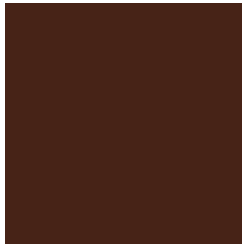
004B63



00AAE3

Previews

White Background



This preview shows how the Hex color 472317 looks on a white background.

Color Contrast Check

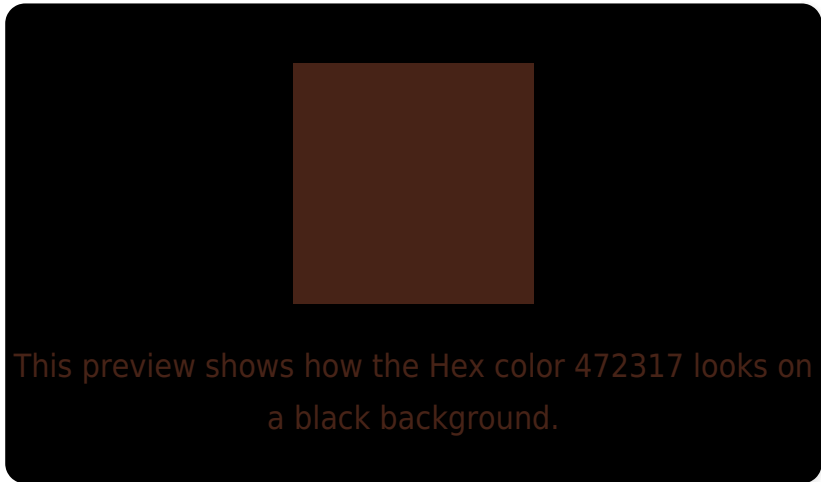
Large Text (above 18pt) WCAG AA ✓ Pass

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

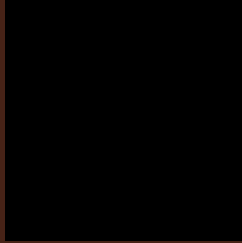
Any Text WCAG AA × Fail

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 472317 Background



This preview shows how black text looks on a background with the Hex color 472317.

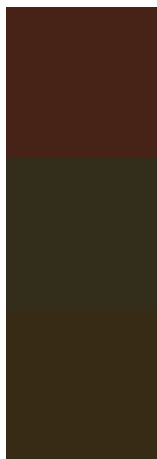


This preview shows how white text looks on a background with the Hex color 472317.

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
472317

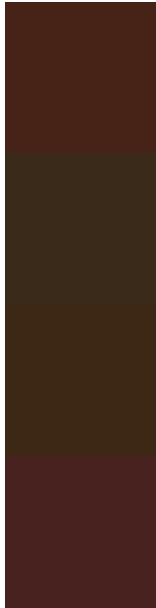
Protanopia
322E1B

Deuteranopia
382B15



Tritanopia
482124

Trichromacy



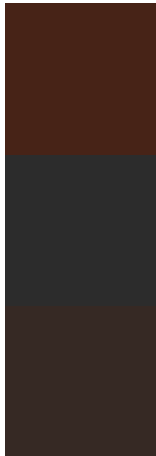
Original Color
472317

Protanomaly
3A2A1A

Deuteranomaly
3D2816

Tritanomaly
48221F

Monochromacy



Original Color
472317

Achromatopsia
2C2C2C

Achromatomaly
362924

CSS Examples

Text

The CSS property to change the color of the text to Hex 472317 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 #472317 looks like.

```
.text, #text, p{  
    color:#472317  
}
```

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 #472317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472317
}
```

Border

The CSS property to change the border of an element to Hex 472317 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".

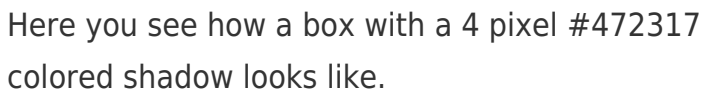
```
.border, #border, table{ border:4px solid
#472317 }
```

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

```
.border{ border-color:#472317 }
```

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

Here you see how a box with a 4 pixel #472317 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472317; -webkit-box-shadow:4px 4px  
4px 4px #472317; box-shadow:4px 4px 4px  
4px #472317 }
```

Background

The CSS property to change the background color of an element to Hex 472317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472317 }
```

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

```
.background{ background-color:#472317 }
```

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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