

Converting Colors

Hex(472C41)

Have a look what the booklet for
Hex(472C41) contains.

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Color

Hex(472C41)

Conversions

Conversions Part 1

Format	Color
Hex	472C41
RGB	71, 44, 65
RGB Percent	28%, 17%, 25%
CMY	0.7216, 0.8275, 0.7451
CMYK	0.00, 0.38, 0.08, 0.72
HSL	313°, 23%, 23%
HSV	313°, 38%, 28%
XYZ	4.4533, 3.5226, 5.4462
YIQ	54.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

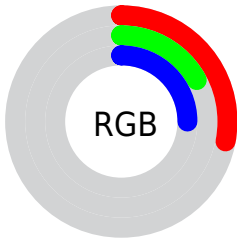
Format	Color
R _Y B	71, 44, 65
Decimal	4664385
CIE Lab	22.03, 16.35, -8.13
CIE LCh	22, 18.259, 333.566
Yxy	3.5226, 0.3318, 0.2624
Android (android.graphics.Color)	4282854465 (0xFF472C41)
YUV	54.4670, 5.1928, 14.4994
Hunter-Lab	18.7686, 9.5087, -4.0666

Details

The Hex color **472C41** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C4732**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **785A71**, and **1D0017** is the 20% darker color. If you saturate the color by 10%, you get **47253F**, and if you desaturate by 10%, it is **473343**.

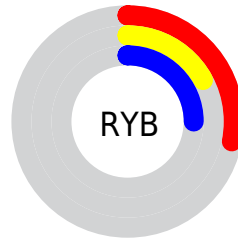
Distribution



Red (28%)

Green (17%)

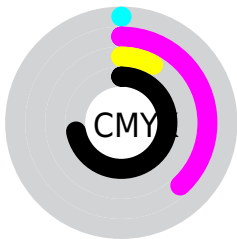
Blue (25%)



Red (28%)

Yellow (17%)

Blue (25%)

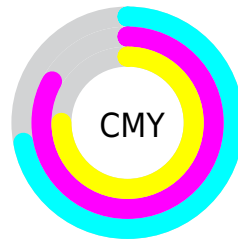


Cyan (0%)

Magenta (38%)

Yellow (8%)

Black (72%)



Cyan (72%)

Magenta (83%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472C41 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 472C41 by changing the saturation by 10% instead.



472C41



472C41

FFFFFF



30172B



785A71



1D0017



92738A



000000



AD8CA5



C8A7C0



E4C2DC



FFDEF8



FFFBFF



472C41



472C41

■ 47253F

■ 473343

■ 471E3E

■ 473A44

■ 47173C

■ 474146

■ 47103B

■ 474847

■ 470839

■ 475049

■ 470138

■ 47574A

■ 470037

■ 475E4C

■ 47654E

■ 476C4F

Harmonies

Analogous

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



38314B



472C41



4E2A34

Triad

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



472C41



3C3419



003B43

Complementary

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



472C41



2C4732

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.



063C36



472C41



2E381E

Square

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



472C41



47301D



1D3B28



06394D

Rectangle

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



472C41



4F2B2B



1D3B28



003C3F

Sweetspot

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



472C41



5C525A



322C47



2E282D



ADADAD



2E2E2E

Same Dimension

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



472C41



5C3252



472C34



242023



63004D



E300B1

Inverse Universe

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



472C41



5C3252



2C473F



242023



63004D



E300B1

Previews

White Background



This preview shows how the Hex color 472C41 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

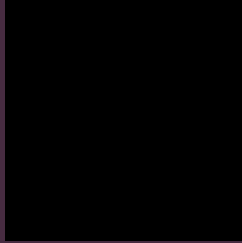
Any Text WCAG AA × Fail

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 472C41 Background



This preview shows how black text looks on a background with the Hex color 472C41.



This preview shows how white text looks on a background with the Hex color 472C41.

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
472C41

Protanopia
303447

Deuteranopia
353440



Tritanopia
452F32

Trichromacy



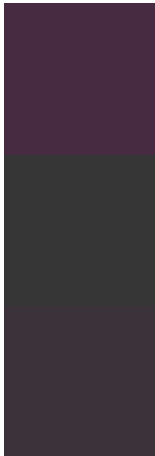
Original Color
472C41

Protanomaly
383145

Deuteranomaly
3C3140

Tritanomaly
462E37

Monochromacy



Original Color
472C41

Achromatopsia
363636

Achromatomaly
3C323A

CSS Examples

Text

The CSS property to change the color of the text to Hex 472C41 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 #472C41 looks like.

```
.text, #text, p{  
    color:#472C41  
}
```

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 #472C41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472C41
}
```

Border

The CSS property to change the border of an element to Hex 472C41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

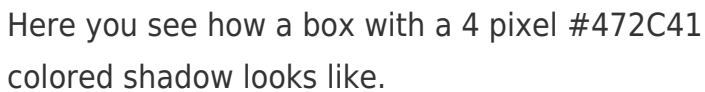
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472C41 }
```

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

```
.border{ border-color:#472C41 }
```

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



Here you see how a box with a 4 pixel #472C41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472C41; -webkit-box-shadow:4px 4px  
4px 4px #472C41; box-shadow:4px 4px 4px  
4px #472C41 }
```

Background

The CSS property to change the background color of an element to Hex 472C41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472C41 }
```

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

```
.background{ background-color:#472C41 }
```

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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