

Converting Colors

Hex(472D42)

Have a look what the booklet for
Hex(472D42) contains.

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Color

Hex(472D42)

Conversions

Conversions Part 1

Format	Color
Hex	472D42
RGB	71, 45, 66
RGB Percent	28%, 18%, 26%
CMY	0.7216, 0.8235, 0.7412
CMYK	0.00, 0.37, 0.07, 0.72
HSL	312°, 22%, 23%
HSV	312°, 37%, 28%
XYZ	4.5203, 3.6097, 5.6128
YIQ	55.1680, 8.7550, 12.0430

Conversions

Conversions Part 2

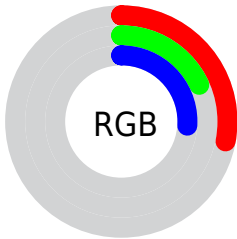
Format	Color
R_{YB}	71, 45, 66
Decimal	4664642
CIE _{Lab}	22.34, 15.91, -8.34
CIE _{LCh}	22, 17.960, 332.347
Yxy	3.6097, 0.3289, 0.2627
Android (android.graphics.Color)	4282854722 (0xFF472D42)
YUV	55.1680, 5.3402, 13.8847
Hunter-Lab	18.9992, 9.2199, -4.2160

Details

The Hex color **472D42** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D4732**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **785B72**, and **1D0018** is the 20% darker color. If you saturate the color by 10%, you get **472641**, and if you desaturate by 10%, it is **473443**.

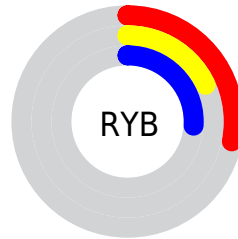
Distribution



Red (28%)

Green (18%)

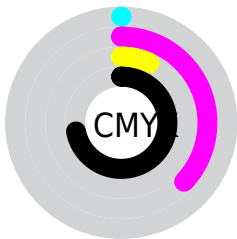
Blue (26%)



Red (28%)

Yellow (18%)

Blue (26%)

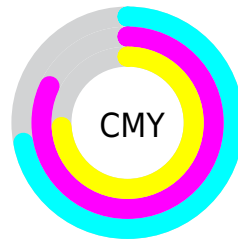


Cyan (0%)

Magenta (37%)

Yellow (7%)

Black (72%)



Cyan (72%)

Magenta (82%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472D42 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 472D42 by changing the saturation by 10% instead.



472D42



472D42

FFFFFF



30182C



785B72



1D0018



92748B



000000



AD8EA6



C8A8C1



E4C3DD



FFDFF9



FFFCFF



472D42



472D42

■ 472641

■ 473443

■ 471F3F

■ 473B45

■ 47183E

■ 474246

■ 47113D

■ 474947

■ 470A3B

■ 475149

■ 47023A

■ 47584A

■ 470039

■ 475F4C

■ 47664D

■ 476D4E

Harmonies

Analogous

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



38324C



472D42



4E2B35

Triad

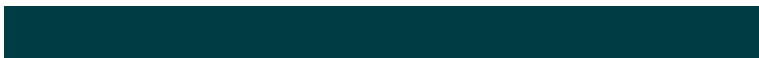
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



472D42



3D351A



003C43

Complementary

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



472D42



2D4732

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.



0A3C36



472D42



2F391E

Square

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



472D42



48301E



1F3B29



083A4D

Rectangle

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



472D42



4F2B2C



1F3B29



003C3F

Sweetspot

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



472D42



5C525A



322D47



2E282D



ADADAD



2E2E2E

Same Dimension

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



472D42



5C3354



472D35



242023



630050



E300B7

Inverse Universe

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



472D42



5C3354



2D473F



242023



630050



E300B7

Previews

White Background



This preview shows how the Hex color 472D42 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

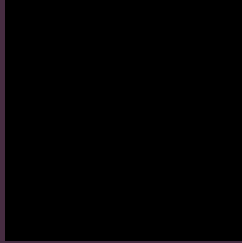
Any Text WCAG AA × Fail

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 472D42 Background



This preview shows how black text looks on a background with the Hex color 472D42.



This preview shows how white text looks on a background with the Hex color 472D42.

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](#).

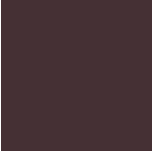
Dichromacy



Original Color
472D42

Protanopia
303548

Deuteranopia
363541



Tritanopia
453034

Trichromacy



Original Color
472D42

Protanomaly
383246

Deuteranomaly
3C3241

Tritanomaly
462F39

Monochromacy



Original Color
472D42

Achromatopsia
373737

Achromatomaly
3D333B

CSS Examples

Text

The CSS property to change the color of the text to Hex 472D42 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 #472D42 looks like.

```
.text, #text, p{  
    color:#472D42  
}
```

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 #472D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472D42
}
```

Border

The CSS property to change the border of an element to Hex 472D42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

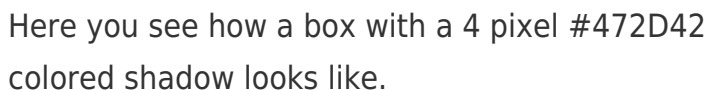
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472D42 }
```

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

```
.border{ border-color:#472D42 }
```

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



Here you see how a box with a 4 pixel #472D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472D42; -webkit-box-shadow:4px 4px  
4px 4px #472D42; box-shadow:4px 4px 4px  
4px #472D42 }
```

Background

The CSS property to change the background color of an element to Hex 472D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472D42 }
```

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

```
.background{ background-color:#472D42 }
```

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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