

Converting Colors

Hex(472E48)

Have a look what the booklet for
Hex(472E48) contains.

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Color

Hex(472E48)

Conversions

Conversions Part 1

Format	Color
Hex	472E48
RGB	71, 46, 72
RGB Percent	28%, 18%, 28%
CMY	0.7216, 0.8196, 0.7176
CMYK	0.01, 0.36, 0.00, 0.72
HSL	298°, 22%, 23%
HSV	298°, 36%, 28%
XYZ	4.7452, 3.7615, 6.6068
YIQ	56.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

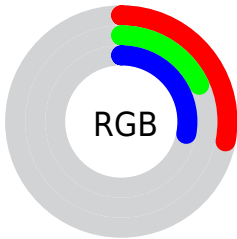
Format	Color
R_{YB}	71, 46, 72
Decimal	4664904
CIE _{Lab}	22.87, 16.58, -11.58
CIE _{LCh}	23, 20.224, 325.070
Yxy	3.7615, 0.3140, 0.2489
Android (android.graphics.Color)	4282854984 (0xFF472E48)
YUV	56.4390, 7.6716, 12.7700
Hunter-Lab	19.3945, 9.7330, -6.6213

Details

The Hex color **472E48** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2F482E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **785C79**, and **1D001D** is the 20% darker color. If you saturate the color by 10%, you get **472748**, and if you desaturate by 10%, it is **473548**.

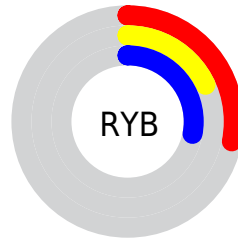
Distribution



Red (28%)

Green (18%)

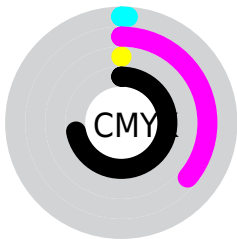
Blue (28%)



Red (28%)

Yellow (18%)

Blue (28%)

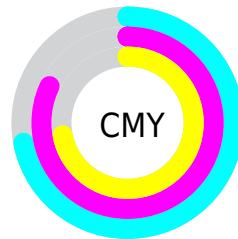


Cyan (1%)

Magenta (36%)

Yellow (0%)

Black (72%)



Cyan (72%)

Magenta (82%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472E48 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 472E48 by changing the saturation by 10% instead.



472E48



472E48

FFFFFF



301931



785C79



1D001D



927592



000000



AD8FAD



C8A9C8



E4C5E4



FFE1FF



FFFDFF



472E48



472E48

■ 472748

■ 473548

■ 462048

■ 483C48

■ 461848

■ 484448

■ 461148

■ 484B48

■ 460A48

■ 485248

■ 450348

■ 495948

■ 450048

■ 496048

■ 496848

■ 496F48

Harmonies

Analogous

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



343452



472E48



512B3A

Triad

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



472E48



423518



003E43

Complementary

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



472E48



2F482E

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.



073E33



472E48



333A1A

Square

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



472E48



4D2F1E



213D25



003C4F

Rectangle

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



472E48



532B2F



213D25



003E3E

Sweetspot

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



472E48



5E545E



2E2F48



302A30



B0B0B0



303030

Same Dimension

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



472E48



5D365E



482E3C



242024



600063



DA00E3

Inverse Universe

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



482E2F



5E3637



2E483A



242020



630004



E30009

Previews

White Background



This preview shows how the Hex color 472E48 looks on a white background.

Color Contrast Check

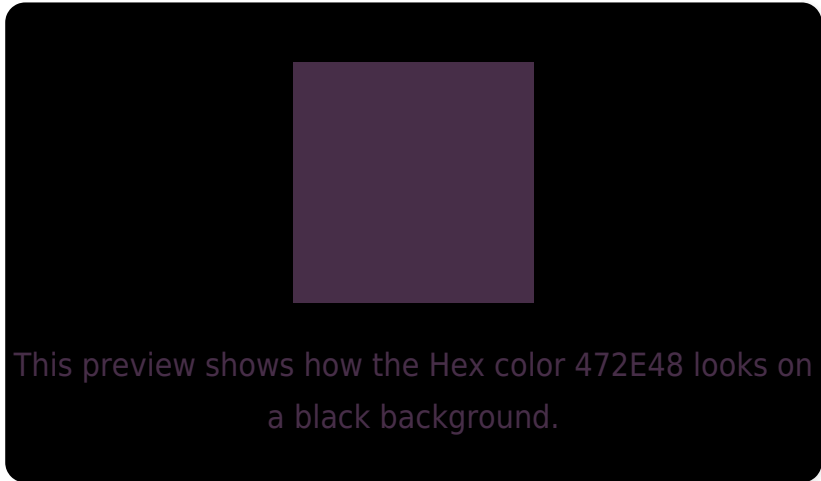
Large Text (above 18pt) WCAG AA ✓ Pass

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

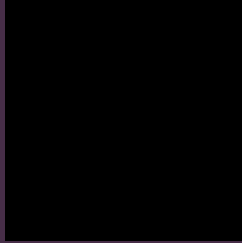
Any Text WCAG AA × Fail

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 472E48 Background



This preview shows how black text looks on a background with the Hex color 472E48.



This preview shows how white text looks on a background with the Hex color 472E48.

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](#).

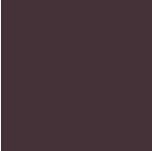
Dichromacy



Original Color
472E48

Protanopia
2F364E

Deuteranopia
343647



Tritanopia
453236

Trichromacy



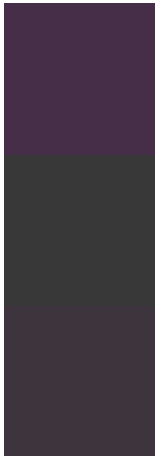
Original Color
472E48

Protanomaly
38334C

Deuteranomaly
3B3347

Tritanomaly
46313D

Monochromacy



Original Color
472E48

Achromatopsia
383838

Achromatomaly
3D343E

CSS Examples

Text

The CSS property to change the color of the text to Hex 472E48 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 #472E48 looks like.

```
.text, #text, p{  
    color:#472E48  
}
```

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 #472E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472E48
}
```

Border

The CSS property to change the border of an element to Hex 472E48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

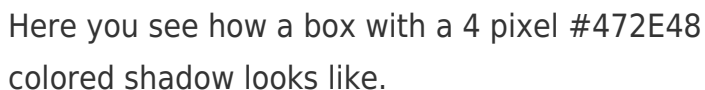
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472E48 }
```

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

```
.border{ border-color:#472E48 }
```

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



Here you see how a box with a 4 pixel #472E48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472E48; -webkit-box-shadow:4px 4px  
4px 4px #472E48; box-shadow:4px 4px 4px  
4px #472E48 }
```

Background

The CSS property to change the background color of an element to Hex 472E48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472E48 }
```

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

```
.background{ background-color:#472E48 }
```

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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