

Converting Colors

Hex(472E3E)

Have a look what the booklet for
Hex(472E3E) contains.

Hex(472E3E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(472E3E)

Conversions

Conversions Part 1

Format	Color
Hex	472E3E
RGB	71, 46, 62
RGB Percent	28%, 18%, 24%
CMY	0.7216, 0.8196, 0.7569
CMYK	0.00, 0.35, 0.13, 0.72
HSL	322°, 21%, 23%
HSV	322°, 35%, 28%
XYZ	4.4450, 3.6414, 5.0260
YIQ	55.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

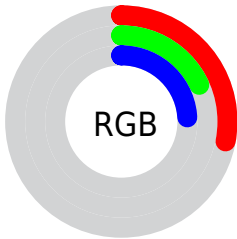
Format	Color
R_{YB}	71, 46, 62
Decimal	4664894
CIE Lab	22.45, 14.42, -5.45
CIE LCh	22, 15.413, 339.279
Yxy	3.6414, 0.3390, 0.2777
Android (android.graphics.Color)	4282854974 (0xFF472E3E)
YUV	55.2990, 3.3036, 13.7698
Hunter-Lab	19.0824, 8.1853, -2.2584

Details

The Hex color **472E3E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2E4737**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **785C6D**, and **1D0014** is the 20% darker color. If you saturate the color by 10%, you get **47273B**, and if you desaturate by 10%, it is **473541**.

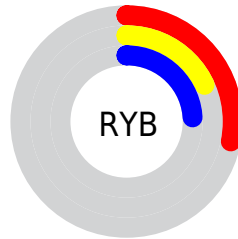
Distribution



 Red (28%)

 Green (18%)

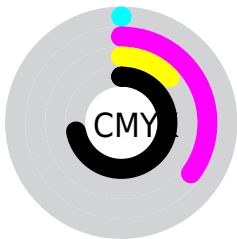
 Blue (24%)



 Red (28%)

 Yellow (18%)

 Blue (24%)

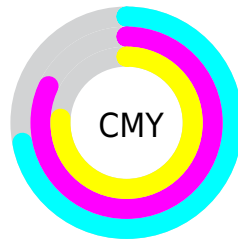


 Cyan (0%)


 Magenta (35%)

 Yellow (13%)

 Black (72%)



 Cyan (72%)

 Magenta (82%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472E3E 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 472E3E by changing the saturation by 10% instead.



472E3E



472E3E

FFFFFF



301928



785C6D



1D0014



927587



000000



AD8FA1



C8A9BC



E4C4D8



FFE0F4



FFFDFD



472E3E



472E3E

■ 47273B

■ 473541

■ 472039

■ 473C43

■ 471936

■ 474346

■ 471234

■ 474A48

■ 470A31

■ 47524B

■ 47032F

■ 47594D

■ 47002D

■ 476050

■ 476752

■ 476E55

Harmonies

Analogous

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



3C3147



472E3E



4C2D32

Triad

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



472E3E



3A361F



0C3B44

Complementary

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



472E3E



2E4737

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.



123C39



472E3E



2D3924

Square

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



472E3E



443220



203B2D



19394B

Rectangle

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



472E3E



4C2E2B



203B2D



0C3C40

Sweetspot

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



472E3E



5C5258



372E47



2E282C



ADADAD



2E2E2E

Same Dimension

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



472E3E



5C354E



472E32



242022



630040



E30091

Inverse Universe

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



472E3E



5C354E



2E4743



242022



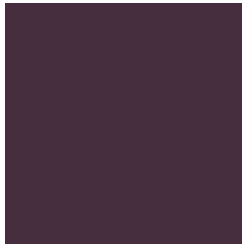
630040



E30091

Previews

White Background



This preview shows how the Hex color 472E3E looks on a white background.

Color Contrast Check

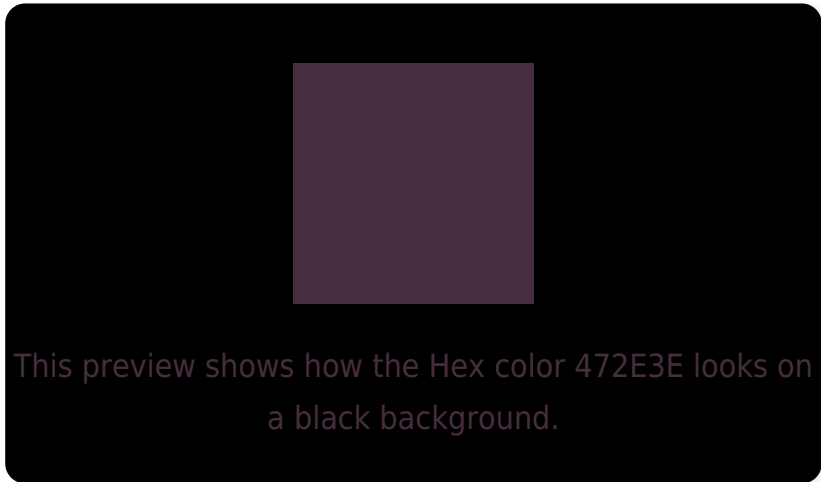
Large Text (above 18pt) WCAG AA ✓ Pass

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

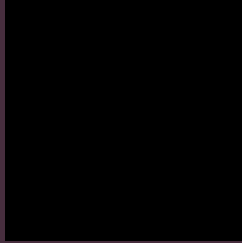
Any Text WCAG AA × Fail

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 472E3E Background



This preview shows how black text looks on a background with the Hex color 472E3E.

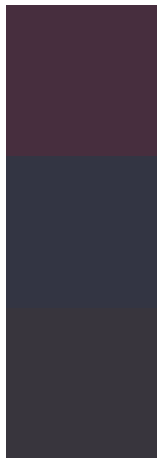


This preview shows how white text looks on a background with the Hex color 472E3E.

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](#).

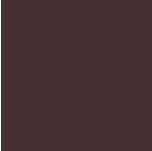
Dichromacy



Original Color
472E3E

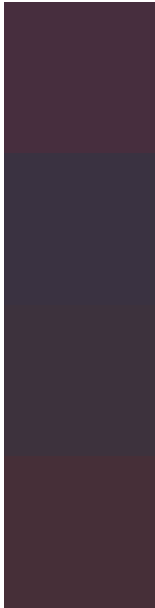
Protanopia
333543

Deuteranopia
38353D



Tritanopia
463034

Trichromacy



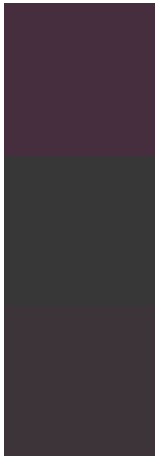
Original Color
472E3E

Protanomaly
3A3241

Deuteranomaly
3D323D

Tritanomaly
462F38

Monochromacy



Original Color
472E3E

Achromatopsia
373737

Achromatomaly
3D343A

CSS Examples

Text

The CSS property to change the color of the text to Hex 472E3E 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 #472E3E looks like.

```
.text, #text, p{  
    color:#472E3E  
}
```

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 #472E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472E3E
}
```

Border

The CSS property to change the border of an element to Hex 472E3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

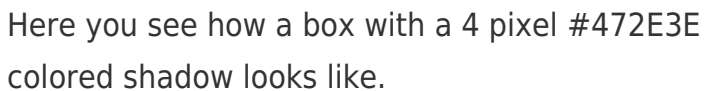
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472E3E }
```

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

```
.border{ border-color:#472E3E }
```

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



Here you see how a box with a 4 pixel #472E3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472E3E; -webkit-box-shadow:4px 4px  
4px 4px #472E3E; box-shadow:4px 4px 4px  
4px #472E3E }
```

Background

The CSS property to change the background color of an element to Hex 472E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472E3E }
```

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

```
.background{ background-color:#472E3E }
```

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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