

Converting Colors

Hex(472E47)

Have a look what the booklet for
Hex(472E47) contains.

Hex(472E47)	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(472E47)

Conversions

Conversions Part 1

Format	Color
Hex	472E47
RGB	71, 46, 71
RGB Percent	28%, 18%, 28%
CMY	0.7216, 0.8196, 0.7216
CMYK	0.00, 0.35, 0.00, 0.72
HSL	300°, 21%, 23%
HSV	300°, 35%, 28%
XYZ	4.7129, 3.7485, 6.4364
YIQ	56.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

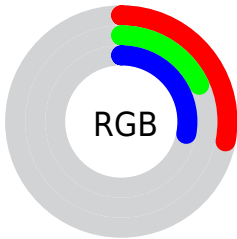
Format	Color
RYB	71, 46, 71
Decimal	4664903
CIELab	22.82, 16.35, -10.98
CIElCh	23, 19.695, 326.134
Yxy	3.7485, 0.3163, 0.2516
Android (android.graphics.Color)	4282854983 (0xFF472E47)
YUV	56.3250, 7.2348, 12.8700
Hunter-Lab	19.3611, 9.5684, -6.1575

Details

The Hex color **472E47** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E472E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **785C77**, and **1D001C** is the 20% darker color. If you saturate the color by 10%, you get **472747**, and if you desaturate by 10%, it is **473547**.

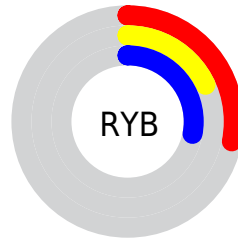
Distribution



 Red (28%)

 Green (18%)

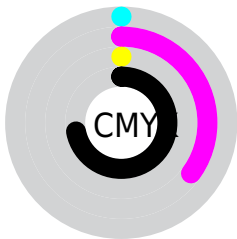
 Blue (28%)



 Red (28%)

 Yellow (18%)

 Blue (28%)

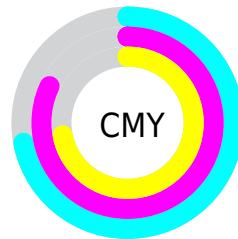


 Cyan (0%)

 Magenta (35%)

 Yellow (0%)

 Black (72%)



 Cyan (72%)

 Magenta (82%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472E47 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 472E47 by changing the saturation by 10% instead.

■ 472E47

■ 472E47

FFFFFF

■ 301931

■ 785C77

■ 1D001C

■ 927591

■ 000000

■ AD8FAC

■ C8A9C7

■ E4C5E3

■ FFE1FF

■ FFFDFD

■ 472E47

■ 472E47

■ 472747

■ 473547

■ 472047

■ 473C47

■ 471947

■ 474347

■ 471247

■ 474A47

■ 470A47

■ 475247

■ 470347

■ 475947

■ 470047

■ 476047

■ 476747

■ 476E47

Harmonies

Analogous

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



353351



472E47



512B39

Triad

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



472E47



413519



003E43

Complementary

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



472E47



2E472E

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.



093E34



472E47



33391B

Square

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



472E47



4D301F



213D26



003C4E

Rectangle

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



472E47



532B2F



213D26



003E3E

Sweetspot

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



472E47



5C525C



2E2E47



2E282E



ADADAD



2E2E2E

Same Dimension

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



472E47



5C355C



472E3B



242024



630063



E300E3

Inverse Universe

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



472E47



5C355C



2E473B



242024



630063



E300E3

Previews

White Background



This preview shows how the Hex color 472E47 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

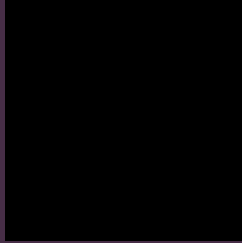
Any Text WCAG AA × Fail

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 472E47 Background



This preview shows how black text looks on a background with the Hex color 472E47.



This preview shows how white text looks on a background with the Hex color 472E47.

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](#).

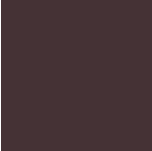
Dichromacy



Original Color
472E47

Protanopia
30364D

Deuteranopia
343646



Tritanopia
453235

Trichromacy



Original Color

472E47

Protanomaly

38334B

Deuteranomaly

3B3346

Tritanomaly

46313C

Monochromacy



Original Color

472E47

Achromatopsia

383838

Achromatomaly

3D343D

CSS Examples

Text

The CSS property to change the color of the text to Hex 472E47 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 #472E47 looks like.

```
.text, #text, p{  
    color:#472E47  
}
```

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 #472E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472E47
}
```

Border

The CSS property to change the border of an element to Hex 472E47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

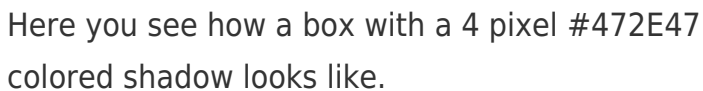
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472E47 }
```

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

```
.border{ border-color:#472E47 }
```

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



Here you see how a box with a 4 pixel #472E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472E47; -webkit-box-shadow:4px 4px  
4px 4px #472E47; box-shadow:4px 4px 4px  
4px #472E47 }
```

Background

The CSS property to change the background color of an element to Hex 472E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472E47 }
```

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

```
.background{ background-color:#472E47 }
```

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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