

# Converting Colors

Hex(472E4B)

Have a look what the booklet for  
Hex(472E4B) contains.

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# Color

**Hex(472E4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	472E4B
RGB	71, 46, 75
RGB Percent	28%, 18%, 29%
CMY	0.7216, 0.8196, 0.7059
CMYK	0.05, 0.39, 0.00, 0.71
HSL	292°, 24%, 24%
HSV	292°, 39%, 29%
XYZ	4.8455, 3.8016, 7.1350
YIQ	56.7810, 5.5910, 14.3190

# Conversions

## Conversions Part 2

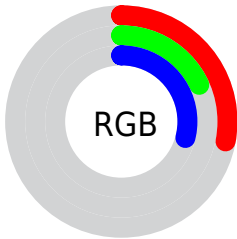
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 46, 75
Decimal	4664907
CIE <sub>Lab</sub>	23.00, 17.28, -13.38
CIE <sub>LCh</sub>	23, 21.853, 322.235
Yxy	3.8016, 0.3070, 0.2409
Android (android.graphics.Color)	4282854987 (0xFF472E4B)
YUV	56.7810, 8.9820, 12.4701
Hunter-Lab	19.4976, 10.2397, -8.0483

# Details

The Hex color **472E4B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **324B2E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **785C7C**, and **1D001F** is the 20% darker color. If you saturate the color by 10%, you get **46274B**, and if you desaturate by 10%, it is **48354B**.

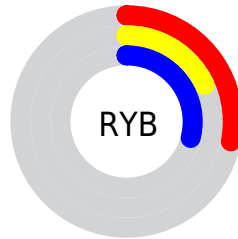
# Distribution



Red (28%)

Green (18%)

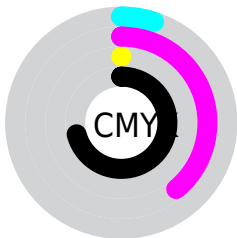
Blue (29%)



Red (28%)

Yellow (18%)

Blue (29%)

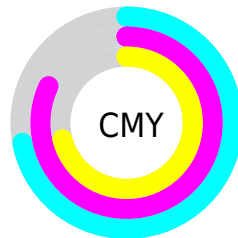


Cyan (5%)

Magenta (39%)

Yellow (0%)

Black (71%)



Cyan (72%)

Magenta (82%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 472E4B 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 472E4B by changing the saturation by 10% instead.



■ 472E4B

■ 472E4B

FFFFFF

■ 301934

■ 785C7C

■ 1D001F

■ 927596

■ 000003

■ AD8FB0

■ 000000

■ C8A9CC

■ E4C5E8

■ FFE1FF

■ FFFDFF

■ 472E4B

■ 472E4B

■ 46274B

■ 48354B

■ 451F4B

■ 493D4B

■ 44174B

■ 4A454B

■ 43104B

■ 4B4C4B

■ 42084B

■ 4C544B

■ 41014B

■ 4D5B4B

■ 41004B

■ 4E624B

■ 4F6A4B

■ 50724B

# Harmonies

## Analogous

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



323455



472E4B



532A3C

# Triad

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



472E4B



443416



003F43

# Complementary

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



472E4B



324B2E

# 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.



033F32



472E4B



353A18

# Square

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



472E4B



502F1E



213D22



003E50

# Rectangle

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



472E4B



562931



213D22



003F3D



# Sweetspot

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



472E4B



5F5561



2E324B



302A30



B0B0B0



303030



# Same Dimension

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



472E4B



5B3461



4B2E41



262226



580066



C600E6



# Inverse Universe

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



4B2E32



61343A



2E4B38



262223



66000E



E60020



# Previews

## White Background



This preview shows how the Hex color 472E4B looks on a white background.

## Color Contrast Check

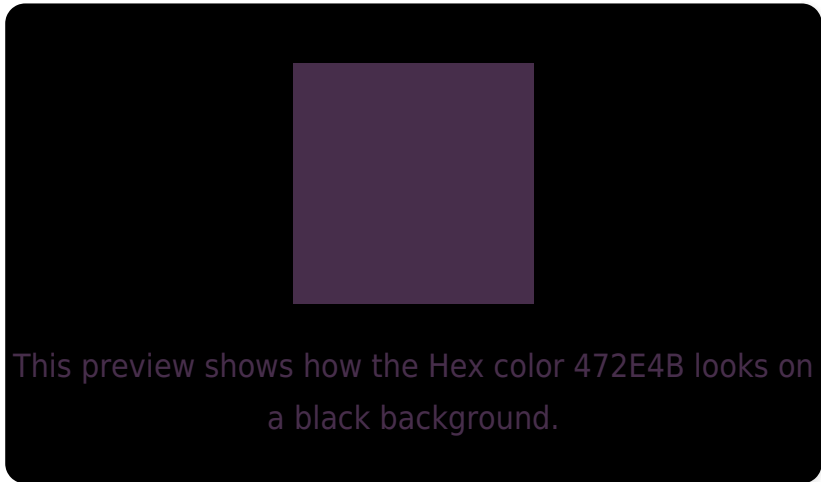
Large Text (above 18pt) WCAG AA ✓ Pass

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

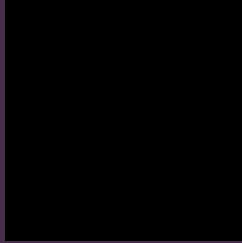
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 472E4B Background



This preview shows how black text looks on a background with the Hex color 472E4B.



This preview shows how white text looks on a background with the Hex color 472E4B.

# 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](#).

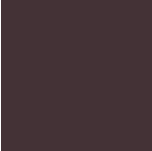
## Dichromacy



**Original Color**  
472E4B

**Protanopia**  
2E3652

**Deuteranopia**  
333649



**Tritanopia**  
443236

# Trichromacy



**Original Color**

472E4B

**Protanomaly**

37334F

**Deuteranomaly**

3A334A

**Tritanomaly**

45313E

# Monochromacy



**Original Color**

472E4B

**Achromatopsia**

393939

**Achromatomaly**

3E3540

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 472E4B 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 #472E4B looks like.

```
.text, #text, p{  
    color:#472E4B  
}
```

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 #472E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472E4B
}
```

## Border

The CSS property to change the border of an element to Hex 472E4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

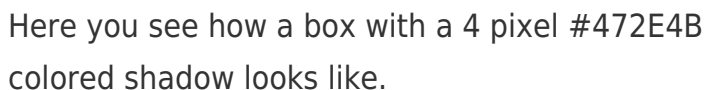
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472E4B }
```

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

```
.border{ border-color:#472E4B }
```

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



Here you see how a box with a 4 pixel `#472E4B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472E4B; -webkit-box-shadow:4px 4px  
4px 4px #472E4B; box-shadow:4px 4px 4px  
4px #472E4B }
```

# Background

The CSS property to change the background color of an element to Hex 472E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472E4B }
```

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

```
.background{ background-color:#472E4B }
```

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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