

# Converting Colors

Hex(473735)

Have a look what the booklet for  
Hex(473735) contains.

<b>Hex(473735)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(473735)

# Conversions

## Conversions Part 1

Format	Color
Hex	473735
RGB	71, 55, 53
RGB Percent	28%, 22%, 21%
CMY	0.7216, 0.7843, 0.7922
CMYK	0.00, 0.23, 0.25, 0.72
HSL	7°, 15%, 24%
HSV	7°, 25%, 28%
XYZ	4.6073, 4.3290, 3.9609
YIQ	59.5560, 10.1780, 2.7700

# Conversions

## Conversions Part 2

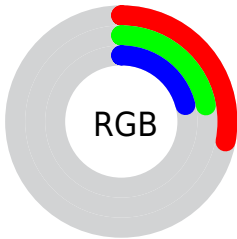
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	71, 55, 53
Decimal	4667189
CIE Lab	24.73, 6.75, 3.96
CIE LCh	25, 7.820, 30.393
Yxy	4.3290, 0.3572, 0.3357
Android (android.graphics.Color)	4282857269 (0xFF473735)
YUV	59.5560, -3.2321, 10.0364
Hunter-Lab	20.8063, 3.1159, 3.2773

# Details

The Hex color **473735** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **354547**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **786663**, and **1D0C08** is the 20% darker color. If you saturate the color by 10%, you get **47312E**, and if you desaturate by 10%, it is **473D3C**.

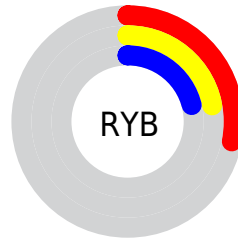
# Distribution



 Red (28%)

 Green (22%)

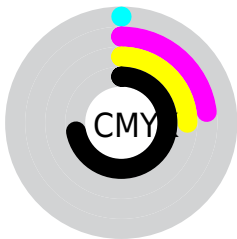
 Blue (21%)



 Red (28%)

 Yellow (22%)

 Blue (21%)

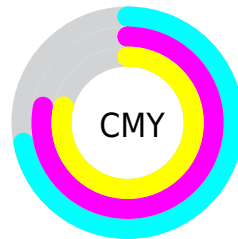



 Cyan (0%)


 Magenta (23%)

 Yellow (25%)

 Black (72%)



 Cyan (72%)

 Magenta (78%)

 Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 473735 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 473735 by changing the saturation by 10% instead.





473735



473735

FFFFFF



302220



786663



1D0C08



927F7C



000000



AC9996



C8B4B1



E4CFCC



FFEBE8



473735



473735



47312E



473D3C

■ 472A27

■ 474443

■ 472420

■ 474A4A

■ 471E19

■ 475051

■ 471712

■ 475759

■ 47110A

■ 475D60

■ 470B03

■ 476367

■ 470800

■ 47696E

■ 477075

# Harmonies

## Analogous

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



46373B



473735



443831

# Triad

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



473735



323E35



343B46

# Complementary

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



473735



354547

# 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.



2E3D45



473735



2D3E3B

# Square

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



473735



393C30



2B3E40



3C3945

# Rectangle

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



473735



413A2F



2B3E40



323C46



# Sweetspot

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



473735



5C5554



473545



2E2A29



ADADAD



2E2E2E



# Same Dimension

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



473735



5C4340



474035



242120



630B00



E31900



# Inverse Universe

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



354547



40595C



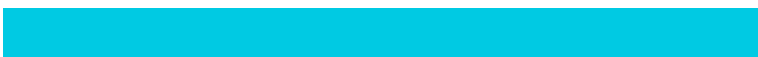
353C47



202324



005863



00CAE3



# Previews

## White Background



This preview shows how the Hex color 473735 looks on a white background.

## Color Contrast Check

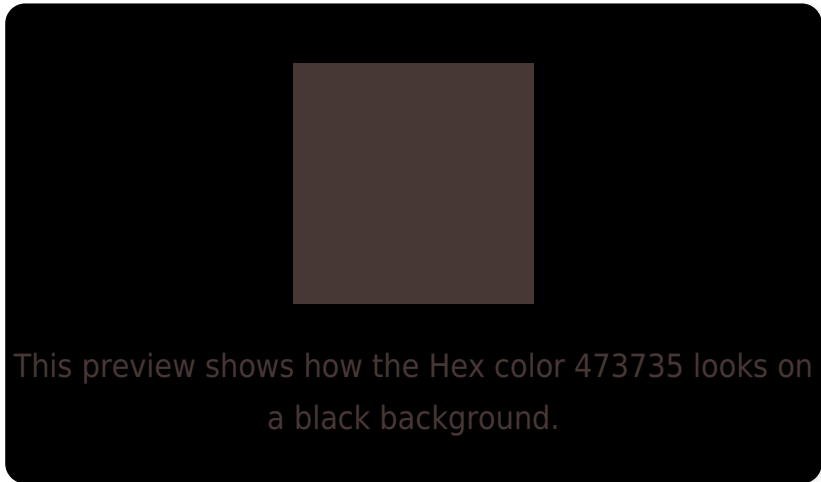
Large Text (above 18pt) WCAG AA ✓ Pass

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

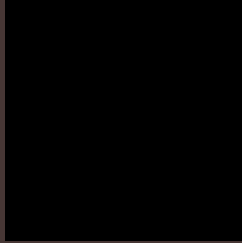
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 473735 Background



This preview shows how black text looks on a background with the Hex color 473735.

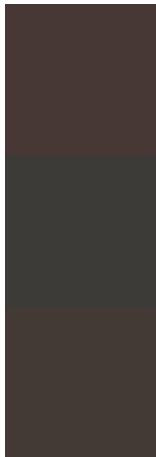


This preview shows how white text looks on a background with the Hex color 473735.

# 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](#).

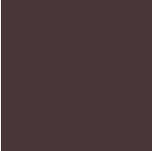
## Dichromacy



**Original Color**  
473735

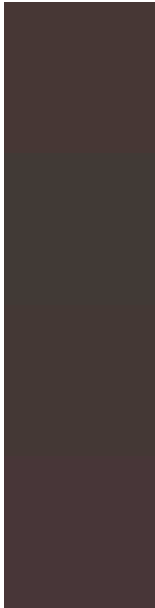
**Protanopia**  
3D3B37

**Deuteranopia**  
433935



**Tritanopia**  
48363A

# Trichromacy



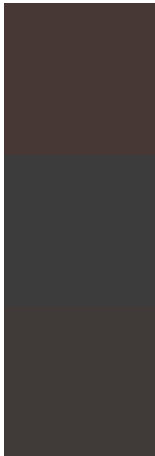
**Original Color**  
473735

**Protanomaly**  
413A36

**Deuteranomaly**  
443835

**Tritanomaly**  
483638

# Monochromacy



**Original Color**  
473735

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
403A39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 473735 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 #473735 looks like.

```
.text, #text, p{  
    color:#473735  
}
```

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 #473735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473735
}
```

## Border

The CSS property to change the border of an element to Hex 473735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

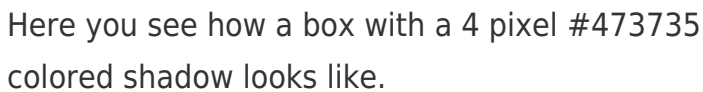
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473735 }
```

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

```
.border{ border-color:#473735 }
```

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



Here you see how a box with a 4 pixel #473735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473735; -webkit-box-shadow:4px 4px  
4px 4px #473735; box-shadow:4px 4px 4px  
4px #473735 }
```

# Background

The CSS property to change the background color of an element to Hex 473735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473735 }
```

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

```
.background{ background-color:#473735 }
```

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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