

Converting Colors

Hex(473B39)

Have a look what the booklet for
Hex(473B39) contains.

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Color

Hex(473B39)

Conversions

Conversions Part 1

Format	Color
Hex	473B39
RGB	71, 59, 57
RGB Percent	28%, 23%, 22%
CMY	0.7216, 0.7686, 0.7765
CMYK	0.00, 0.17, 0.20, 0.72
HSL	9°, 11%, 25%
HSV	9°, 20%, 28%
XYZ	4.9010, 4.7629, 4.5319
YIQ	62.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

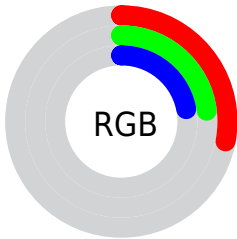
Format	Color
R_YB	71, 59, 57
Decimal	4668217
CIE Lab	26.05, 4.86, 3.19
CIE LCh	26, 5.811, 33.249
Yxy	4.7629, 0.3452, 0.3355
Android (android.graphics.Color)	4282858297 (0xFF473B39)
YUV	62.3600, -2.6425, 7.5773
Hunter-Lab	21.8241, 1.8933, 2.9650

Details

The Hex color **473B39** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **394547**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **786A68**, and **1C110E** is the 20% darker color. If you saturate the color by 10%, you get **473532**, and if you desaturate by 10%, it is **474140**.

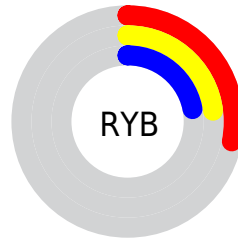
Distribution



 Red (28%)

 Green (23%)

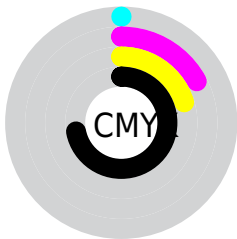
 Blue (22%)



 Red (28%)

 Yellow (23%)

 Blue (22%)

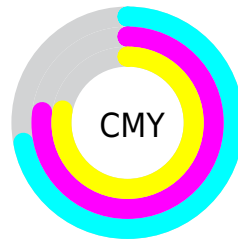


 Cyan (0%)

 Magenta (17%)

 Yellow (20%)

 Black (72%)



 Cyan (72%)

 Magenta (77%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473B39 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 473B39 by changing the saturation by 10% instead.

■ 473B39

■ 473B39

FFFFFF

■ 302524

■ 786A68

■ 1C110E

■ 918381

■ 000000

■ AC9D9B

■ C7B8B6

■ E3D4D1

■ FFF0EE

■ 473B39

■ 473B39

■ 473532

■ 474140

■ 472F2B

■ 474747

■ 472924

■ 474D4E

■ 47231D

■ 475355

■ 471D16

■ 47595D

■ 47160E

■ 476064

■ 471007

■ 47666B

■ 470A00

■ 476C72

■ 477279

Harmonies

Analogous

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



473B3D



473B39



453C36

Triad

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



473B39



37403A



3A3E46

Complementary

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



473B39



394547

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.



353F45



473B39



33403E

Square

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



473B39



3C3F36



334042



3F3C45

Rectangle

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



473B39



423D35



334042



383E46

Sweetspot

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



473B39



5C5756



473945



2E2B2B



ADADAD



2E2E2E

Same Dimension

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



473B39



5C4946



474239



242120



630E00



E32000

Inverse Universe

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



394547



46595C



393E47



202324



005563



00C3E3

Previews

White Background



This preview shows how the Hex color 473B39 looks on a white background.

Color Contrast Check

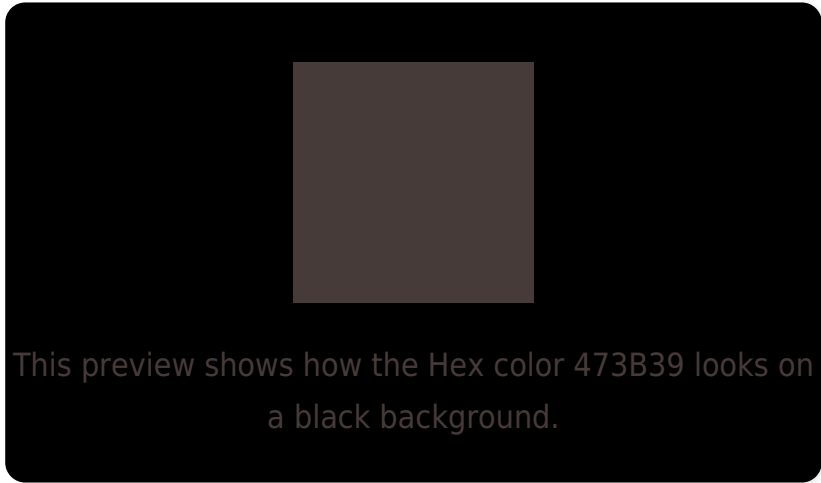
Large Text (above 18pt) WCAG AA ✓ Pass

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

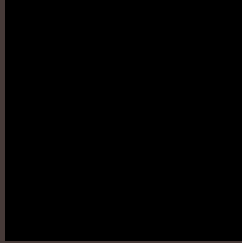
Any Text WCAG AA × Fail

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 473B39 Background



This preview shows how black text looks on a background with the Hex color 473B39.

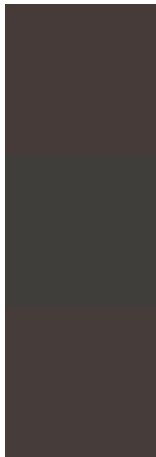


This preview shows how white text looks on a background with the Hex color 473B39.

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
473B39

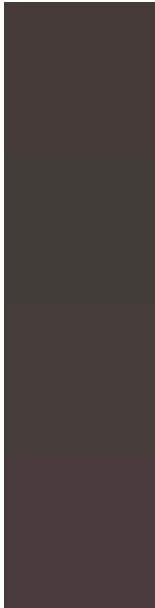
Protanopia
403E3A

Deuteranopia
463C39



Tritanopia
483A3F

Trichromacy



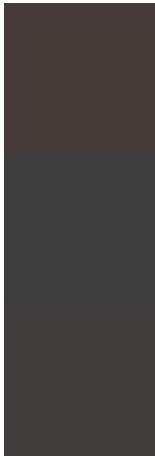
Original Color
473B39

Protanomaly
433D3A

Deuteranomaly
463C39

Tritanomaly
483A3D

Monochromacy



Original Color
473B39

Achromatopsia
3E3E3E

Achromatomaly
413D3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 473B39 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 #473B39 looks like.

```
.text, #text, p{  
    color:#473B39  
}
```

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 #473B39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473B39
}
```

Border

The CSS property to change the border of an element to Hex 473B39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

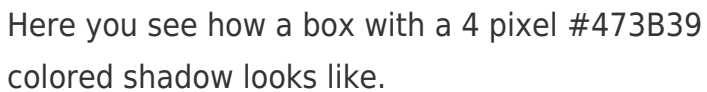
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473B39 }
```

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

```
.border{ border-color:#473B39 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #473B39 color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #473B39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473B39; -webkit-box-shadow:4px 4px  
4px 4px #473B39; box-shadow:4px 4px 4px  
4px #473B39 }
```

Background

The CSS property to change the background color of an element to Hex 473B39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473B39 }
```

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

```
.background{ background-color:#473B39 }
```

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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