

# Converting Colors

Hex(473F3A)

Have a look what the booklet for  
Hex(473F3A) contains.

<b>Hex(473F3A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(473F3A)

# Conversions

## Conversions Part 1

Format	Color
Hex	473F3A
RGB	71, 63, 58
RGB Percent	28%, 25%, 23%
CMY	0.7216, 0.7529, 0.7725
CMYK	0.00, 0.11, 0.18, 0.72
HSL	23°, 10%, 25%
HSV	23°, 18%, 28%
XYZ	5.1398, 5.2001, 4.7358
YIQ	64.8220, 6.3730, 0.1410

# Conversions

## Conversions Part 2

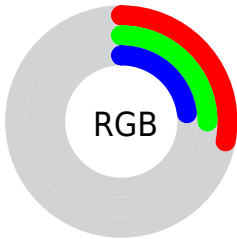
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 66, 58
Decimal	4669242
CIE Lab	27.30, 2.45, 4.32
CIE LCh	27, 4.962, 60.413
Yxy	5.2001, 0.3409, 0.3449
Android (android.graphics.Color)	4282859322 (0xFF473F3A)
YUV	64.8220, -3.3632, 5.4181
Hunter-Lab	22.8037, 0.3259, 3.6494

# Details

The Hex color **473F3A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A4247**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **776F69**, and **1C150F** is the 20% darker color. If you saturate the color by 10%, you get **473B33**, and if you desaturate by 10%, it is **474341**.

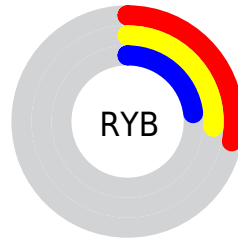
# Distribution



Red (28%)

Green (25%)

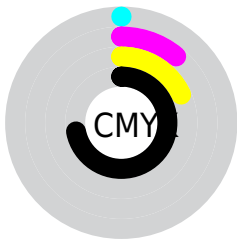
Blue (23%)



Red (28%)

Yellow (26%)

Blue (23%)

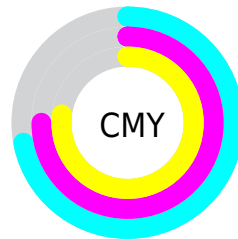


Cyan (0%)

Magenta (11%)

Yellow (18%)

Black (72%)



Cyan (72%)

Magenta (75%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 473F3A 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 473F3A by changing the saturation by 10% instead.



■ 473F3A

■ 473F3A

FFFFFF

■ 302924

■ 776F69

■ 1C150F

■ 918882

■ 000000

■ ACA29C

■ C7BDB7

■ E3D9D3

■ FFF5EF

■ 473F3A

■ 473F3A

■ 473B33

■ 474341

■ 47362C

■ 474848

■ 473225

■ 474C4F

■ 472E1E

■ 475056

■ 472916

■ 47555E

■ 47250F

■ 475965

■ 472008

■ 475E6C

■ 471C01

■ 476273

■ 471B00

■ 47667A

# Harmonies

## Analogous

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



493E3D



473F3A



444039

# Triad

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



473F3A



384340



413F47

# Complementary

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



473F3A



3A4247

# 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.



3D4148



473F3A



374344

# Square

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



473F3A



3B423D



394247



463E44

# Rectangle

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



473F3A



414139



394247



404048



# Sweetspot

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



473F3A



5C5957



473A42



2E2C2B



ADADAD



2E2E2E



# Same Dimension

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



473F3A



5C4F48



47453A



242220



632600



E35700



# Inverse Universe

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



3A4247



48545C



3A3C47



202224



003D63

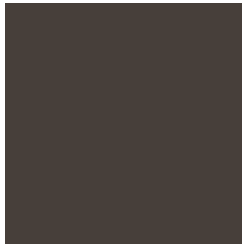


008CE3



# Previews

## White Background



This preview shows how the Hex color 473F3A looks on a white background.

## Color Contrast Check

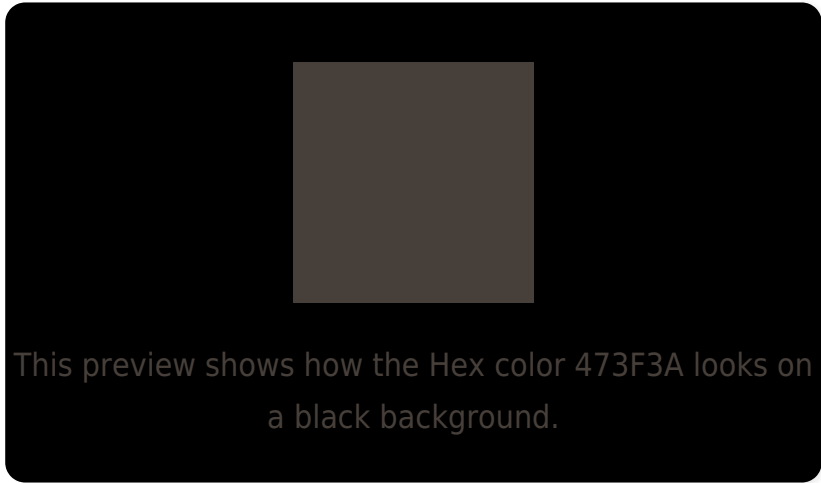
Large Text (above 18pt) WCAG AA ✓ Pass

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

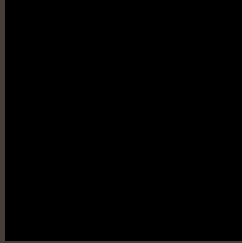
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 473F3A Background



This preview shows how black text looks on a background with the Hex color 473F3A.



This preview shows how white text looks on a background with the Hex color 473F3A.

# 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](#).

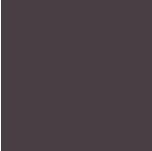
## Dichromacy



**Original Color**  
473F3A

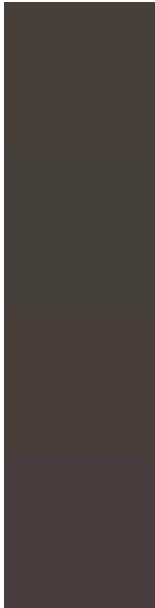
**Protanopia**  
43403B

**Deuteranopia**  
493E3A



**Tritanopia**  
483E43

# Trichromacy



**Original Color**

473F3A

**Protanomaly**

44403B

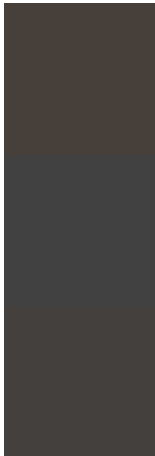
**Deuteranomaly**

483E3A

**Tritanomaly**

483E40

# Monochromacy



**Original Color**

473F3A

**Achromatopsia**

414141

**Achromatomaly**

43403E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 473F3A 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 #473F3A looks like.

```
.text, #text, p{  
    color:#473F3A  
}
```

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 #473F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473F3A
}
```

## Border

The CSS property to change the border of an element to Hex 473F3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

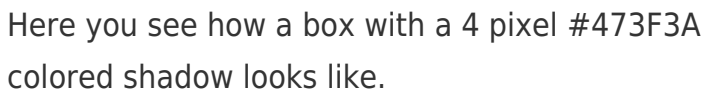
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473F3A }
```

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

```
.border{ border-color:#473F3A }
```

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 #473F3A 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 #473F3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473F3A; -webkit-box-shadow:4px 4px  
4px 4px #473F3A; box-shadow:4px 4px 4px  
4px #473F3A }
```

# Background

The CSS property to change the background color of an element to Hex 473F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473F3A }
```

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

```
.background{ background-color:#473F3A }
```

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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