

# Converting Colors

Hex(473B34)

Have a look what the booklet for  
Hex(473B34) contains.

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# Color

Hex(473B34)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	473B34
RGB	71, 59, 52
RGB Percent	28%, 23%, 20%
CMY	0.7216, 0.7686, 0.7961
CMYK	0.00, 0.17, 0.27, 0.72
HSL	22°, 15%, 24%
HSV	22°, 27%, 28%
XYZ	4.7823, 4.7155, 3.9069
YIQ	61.7900, 9.3990, 0.3670

# Conversions

## Conversions Part 2

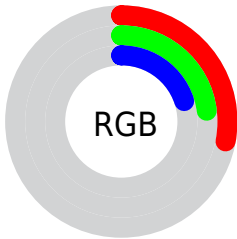
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 63, 52
Decimal	4668212
CIE Lab	25.91, 3.95, 6.29
CIE LCh	26, 7.426, 57.874
Yxy	4.7155, 0.3568, 0.3518
Android (android.graphics.Color)	4282858292 (0xFF473B34)
YUV	61.7900, -4.8265, 8.0772
Hunter-Lab	21.7151, 1.3098, 4.5333

# Details

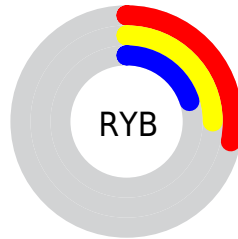
The Hex color **473B34** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **344047**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **786A62**, and **1C1106** is the 20% darker color. If you saturate the color by 10%, you get **47372D**, and if you desaturate by 10%, it is **473F3B**.

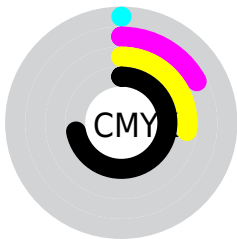
# Distribution



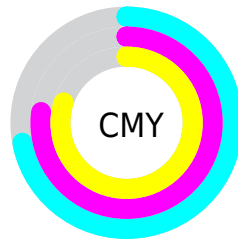
- Red (28%)
- Green (23%)
- Blue (20%)



- Red (28%)
- Yellow (25%)
- Blue (20%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (72%)



- Cyan (72%)
- Magenta (77%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 473B34 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 473B34 by changing the saturation by 10% instead.





473B34



473B34

FFFFFF



30251F



786A62



1C1106



92837B



000000



AC9D95



C8B8B0



E4D4CB



FFF0E7



473B34



473B34



47372D



473F3B

■ 473226

■ 474442

■ 472E1F

■ 474849

■ 472918

■ 474D50

■ 472510

■ 475158

■ 472009

■ 47565F

■ 471C02

■ 475A66

■ 471A00

■ 475F6D

■ 476374

# Harmonies

## Analogous

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



493A38



473B34



423D32

# Triad

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



473B34



31413D



3E3C47

# Complementary

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



473B34



344047

# 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.



373E48



473B34



2F4042

# Square

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



473B34



364037



314047



443A43

# Rectangle

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



473B34



3E3E33



314047



3B3D48



# Sweetspot

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



473B34



5C5754



473440



2E2B29



ADADAD



2E2E2E



# Same Dimension

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



473B34



5C493E



474434



242120



632500



E35400



# Inverse Universe

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



344047



3E515C



343747



202224



003F63

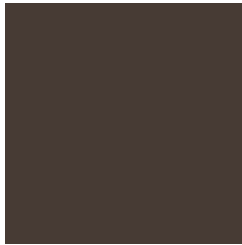


008FE3



# Previews

## White Background



This preview shows how the Hex color 473B34 looks on a white background.

## Color Contrast Check

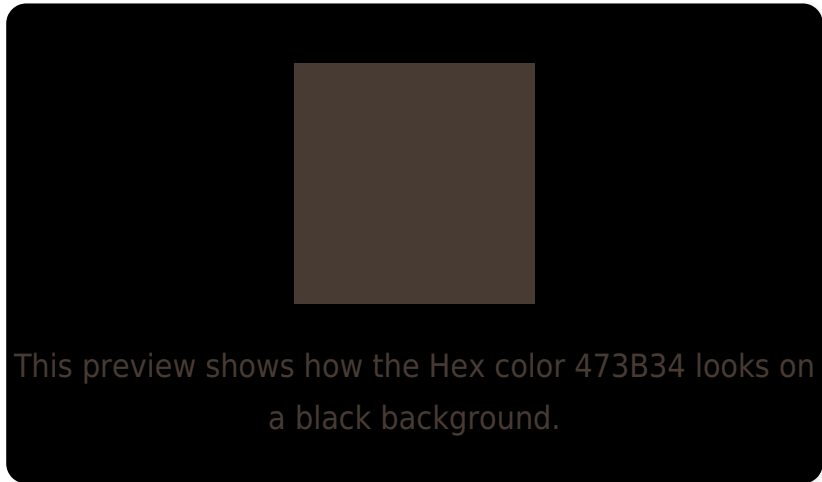
Large Text (above 18pt) WCAG AA ✓ Pass

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

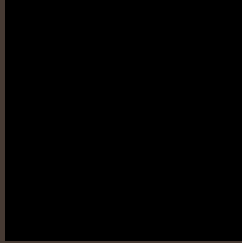
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 473B34 Background



This preview shows how black text looks on a background with the Hex color 473B34.

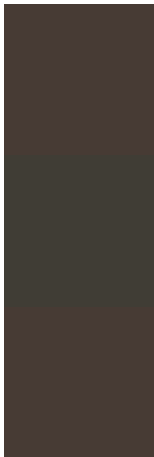


This preview shows how white text looks on a background with the Hex color 473B34.

# 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**  
473B34

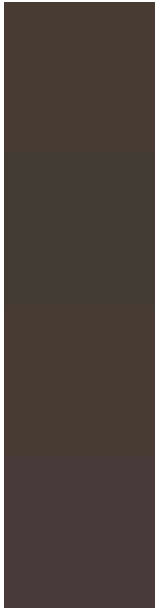
**Protanopia**  
403D35

**Deuteranopia**  
473B34



**Tritanopia**  
483A3E

# Trichromacy



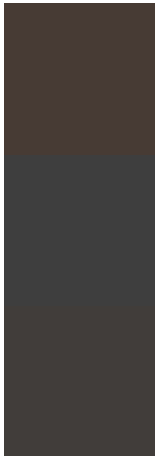
**Original Color**  
473B34

**Protanomaly**  
433C35

**Deuteranomaly**  
473B34

**Tritanomaly**  
483A3A

# Monochromacy



**Original Color**  
473B34

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
413D3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 473B34 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 #473B34 looks like.

```
.text, #text, p{  
    color:#473B34  
}
```

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 #473B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473B34
}
```

## Border

The CSS property to change the border of an element to Hex 473B34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

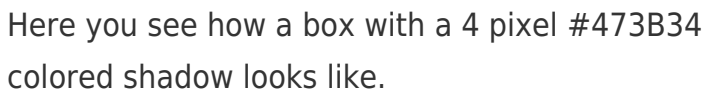
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473B34 }
```

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

```
.border{ border-color:#473B34 }
```

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



Here you see how a box with a 4 pixel #473B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473B34; -webkit-box-shadow:4px 4px  
4px 4px #473B34; box-shadow:4px 4px 4px  
4px #473B34 }
```

# Background

The CSS property to change the background color of an element to Hex 473B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473B34 }
```

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

```
.background{ background-color:#473B34 }
```

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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