

Converting Colors

Hex(473D44)

Have a look what the booklet for
Hex(473D44) contains.

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Color

Hex(473D44)

Conversions

Conversions Part 1

Format	Color
Hex	473D44
RGB	71, 61, 68
RGB Percent	28%, 24%, 27%
CMY	0.7216, 0.7608, 0.7333
CMYK	0.00, 0.14, 0.04, 0.72
HSL	318°, 8%, 26%
HSV	318°, 14%, 28%
XYZ	5.3107, 5.0944, 6.1723
YIQ	64.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

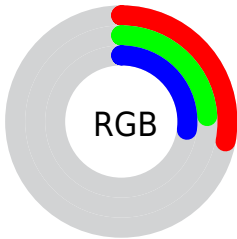
Format	Color
R_{YB}	71, 61, 68
Decimal	4668740
CIE Lab	27.00, 5.80, -2.69
CIE LCh	27, 6.388, 335.124
Yxy	5.0944, 0.3204, 0.3073
Android (android.graphics.Color)	4282858820 (0xFF473D44)
YUV	64.7880, 1.5835, 5.4479
Hunter-Lab	22.5709, 2.5000, -0.4139

Details

The Hex color **473D44** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D4740**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **776C74**, and **1C1319** is the 20% darker color. If you saturate the color by 10%, you get **473642**, and if you desaturate by 10%, it is **474446**.

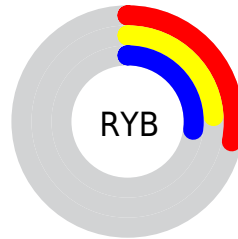
Distribution



 Red (28%)

 Green (24%)

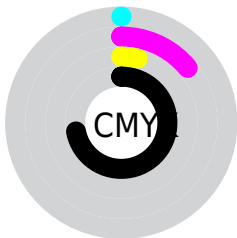
 Blue (27%)



 Red (28%)

 Yellow (24%)

 Blue (27%)

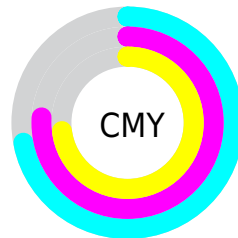


 Cyan (0%)

 Magenta (14%)

 Yellow (4%)

 Black (72%)



 Cyan (72%)

 Magenta (76%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473D44 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 473D44 by changing the saturation by 10% instead.



473D44



473D44

FFFFFF



31272E



776C74



1C1319



91868E



000000



ACA0A8



C7BBC3



E3D7DF



FFF3FC



473D44



473D44



473642



474446

■ 472F40

■ 474B48

■ 47283E

■ 47524A

■ 47213B

■ 47594D

■ 471939

■ 47614F

■ 471237

■ 476851

■ 470B35

■ 476F53

■ 470433

■ 477655

■ 470032

■ 477D57

Harmonies

Analogous

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



423E48



473D44



4A3C3F

Triad

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



473D44



434036



344245

Complementary

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



473D44



3D4740

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.



344340



473D44



3D4138

Square

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



473D44



473E37



38423C



364148

Rectangle

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



473D44



4A3D3C



38423C



334344

Sweetspot

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



473D44



5C585B



403D47



2E2C2D



ADADAD



2E2E2E

Same Dimension

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



473D44



5C4C57



473D3F



242023



630046



E3009F

Inverse Universe

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



473D44



5C4C57



3D4745



242023



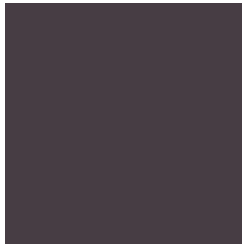
630046



E3009F

Previews

White Background



This preview shows how the Hex color 473D44 looks on a white background.

Color Contrast Check

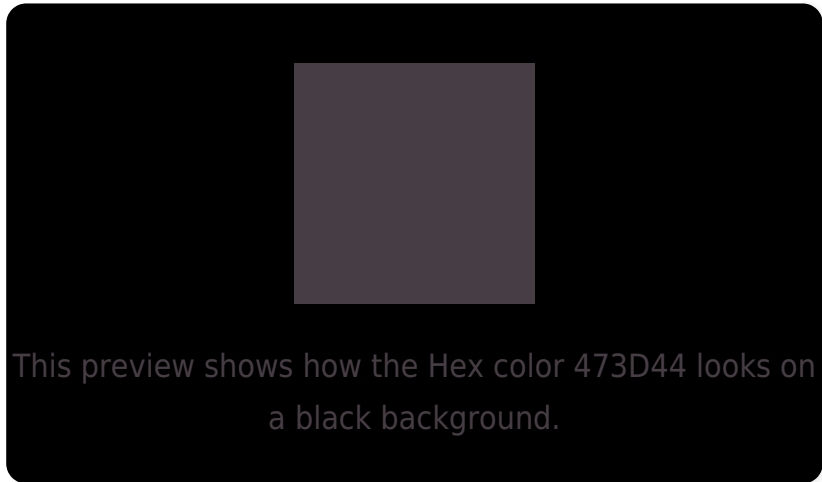
Large Text (above 18pt) WCAG AA ✓ Pass

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

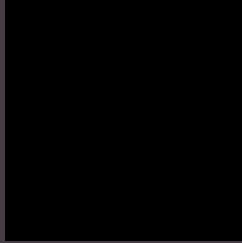
Any Text WCAG AA × Fail

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 473D44 Background



This preview shows how black text looks on a background with the Hex color 473D44.



This preview shows how white text looks on a background with the Hex color 473D44.

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
473D44

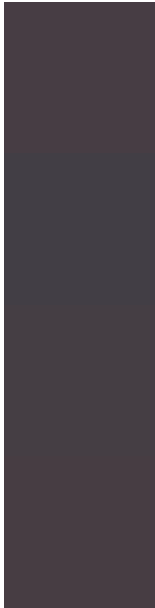
Protanopia
3F3F46

Deuteranopia
443E44



Tritanopia
473D42

Trichromacy



Original Color

473D44

Protanomaly

423E45

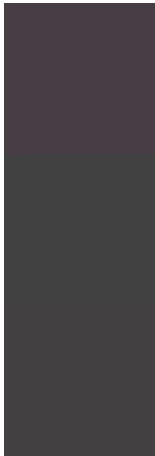
Deuteranomaly

453E44

Tritanomaly

473D43

Monochromacy



Original Color

473D44

Achromatopsia

414141

Achromatomaly

434042

CSS Examples

Text

The CSS property to change the color of the text to Hex 473D44 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 #473D44 looks like.

```
.text, #text, p{  
    color:#473D44  
}
```

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 #473D44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473D44  
}
```

Border

The CSS property to change the border of an element to Hex 473D44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

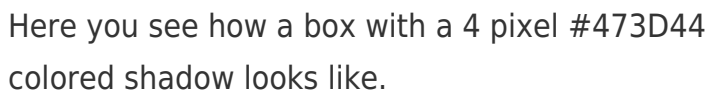
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#473D44 }
```

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

```
.border{ border-color:#473D44 }
```

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



Here you see how a box with a 4 pixel #473D44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473D44; -webkit-box-shadow:4px 4px  
4px 4px #473D44; box-shadow:4px 4px 4px  
4px #473D44 }
```

Background

The CSS property to change the background color of an element to Hex 473D44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473D44 }
```

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

```
.background{ background-color:#473D44 }
```

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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