

Converting Colors

Hex(473336)

Have a look what the booklet for
Hex(473336) contains.

Hex(473336)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(473336)

Conversions

Conversions Part 1

Format	Color
Hex	473336
RGB	71, 51, 54
RGB Percent	28%, 20%, 21%
CMY	0.7216, 0.8000, 0.7882
CMYK	0.00, 0.28, 0.24, 0.72
HSL	351°, 16%, 24%
HSV	351°, 28%, 28%
XYZ	4.4482, 3.9736, 4.0226
YIQ	57.3220, 10.9570, 5.1730

Conversions

Conversions Part 2

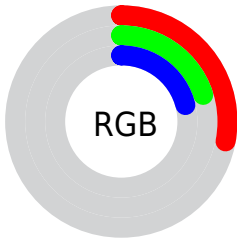
Format	Color
R_YB	71, 51, 54
Decimal	4666166
CIE Lab	23.58, 9.56, 1.64
CIE LCh	24, 9.704, 9.714
Yxy	3.9736, 0.3574, 0.3193
Android (android.graphics.Color)	4282856246 (0xFF473336)
YUV	57.3220, -1.6377, 11.9956
Hunter-Lab	19.9339, 4.9478, 1.9893

Details

The Hex color **473336** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **334744**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **786165**, and **1D050A** is the 20% darker color. If you saturate the color by 10%, you get **472C30**, and if you desaturate by 10%, it is **473A3C**.

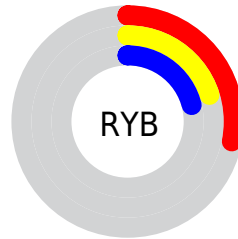
Distribution



Red (28%)

Green (20%)

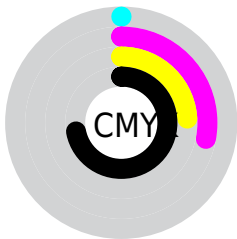
Blue (21%)



Red (28%)

Yellow (20%)

Blue (21%)

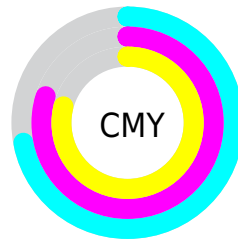


Cyan (0%)

Magenta (28%)

Yellow (24%)

Black (72%)



Cyan (72%)

Magenta (80%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473336 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 473336 by changing the saturation by 10% instead.

■ 473336

■ 473336

FFFFFF

■ 301E21

■ 786165

■ 1D050A

■ 927A7E

■ 000000

■ AC9497

■ C8AFB2

■ E4CACE

■ FFE6EA

■ 473336

■ 473336

■ 472C30

■ 473A3C

■ 47252A

■ 474142

■ 471E24

■ 474848

■ 47171E

■ 474F4E

■ 471018

■ 475754

■ 470812

■ 475E5A

■ 47010C

■ 476560

■ 47000B

■ 476C66

■ 47736C

Harmonies

Analogous

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



44343D



473336



46342F

Triad

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



473336



333B2D



2A3A46

Complementary

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



473336



334744

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.



243C41



473336



2B3C33

Square

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



473336



3B382A



253C3A



333846

Rectangle

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



473336



44352C



253C3A



273B44

Sweetspot

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



473336



5C5456



443347



2E292A



ADADAD



2E2E2E

Same Dimension

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



473336



5C3D41



473A33



242021



63000F



E30022

Inverse Universe

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



473336



5C3D41



334047



242021



63000F



E30022

Previews

White Background



This preview shows how the Hex color 473336 looks on a white background.

Color Contrast Check

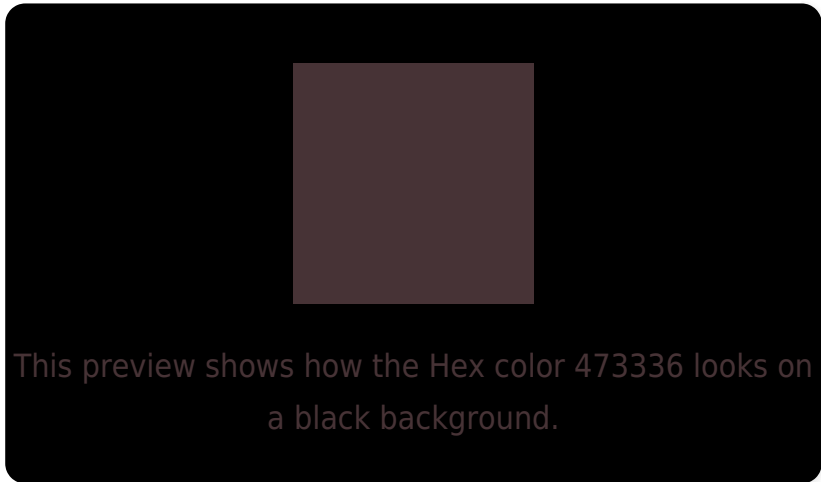
Large Text (above 18pt) WCAG AA ✓ Pass

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 473336 Background



This preview shows how black text looks on a background with the Hex color 473336.

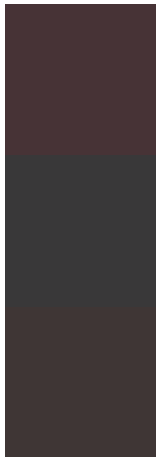


This preview shows how white text looks on a background with the Hex color 473336.

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](#).

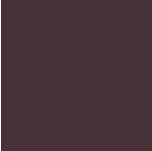
Dichromacy



Original Color
473336

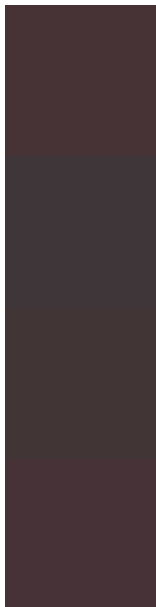
Protanopia
393839

Deuteranopia
3F3635



Tritanopia
473337

Trichromacy



Original Color

473336

Protanomaly

3E3638

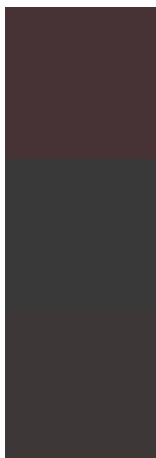
Deuteranomaly

423535

Tritanomaly

473337

Monochromacy



Original Color

473336

Achromatopsia

393939

Achromatomaly

3E3738

CSS Examples

Text

The CSS property to change the color of the text to Hex 473336 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 #473336 looks like.

```
.text, #text, p{  
    color:#473336  
}
```

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 #473336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473336
}
```

Border

The CSS property to change the border of an element to Hex 473336 is called "border". The border property can be set on classes, ids or directly on the HTML element.

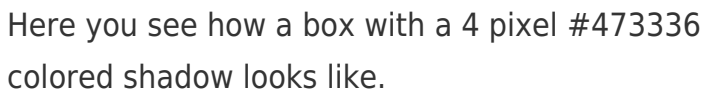
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473336 }
```

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

```
.border{ border-color:#473336 }
```

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



Here you see how a box with a 4 pixel #473336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473336; -webkit-box-shadow:4px 4px  
4px 4px #473336; box-shadow:4px 4px 4px  
4px #473336 }
```

Background

The CSS property to change the background color of an element to Hex 473336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473336 }
```

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

```
.background{ background-color:#473336 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor