

Converting Colors

Hex(473420)

Have a look what the booklet for
Hex(473420) contains.

Hex(473420)	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(473420)

Conversions

Conversions Part 1

Format	Color
Hex	473420
RGB	71, 52, 32
RGB Percent	28%, 20%, 13%
CMY	0.7216, 0.7961, 0.8745
CMYK	0.00, 0.27, 0.55, 0.72
HSL	31°, 38%, 20%
HSV	31°, 55%, 28%
XYZ	4.0872, 3.8999, 1.9038
YIQ	55.4010, 17.7440, -2.1920

Conversions

Conversions Part 2

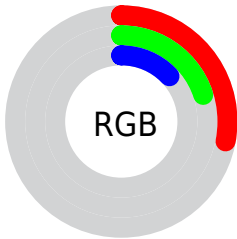
Format	Color
RYB	69, 71, 32
Decimal	4666400
CIELab	23.34, 5.61, 15.91
CIELCh	23, 16.875, 70.566
Yxy	3.8999, 0.4132, 0.3943
Android (android.graphics.Color)	4282856480 (0xFF473420)
YUV	55.4010, -11.5367, 13.6803
Hunter-Lab	19.7481, 2.3848, 8.1077

Details

The Hex color **473420** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **203347**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **79624C**, and **1A0700** is the 20% darker color. If you saturate the color by 10%, you get **473119**, and if you desaturate by 10%, it is **473727**.

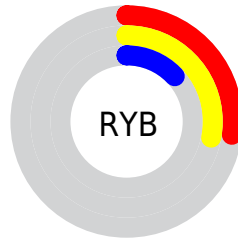
Distribution



Red (28%)

Green (20%)

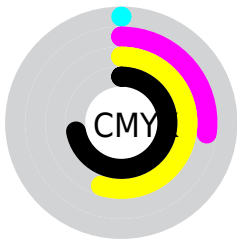
Blue (13%)



Red (27%)

Yellow (28%)

Blue (13%)

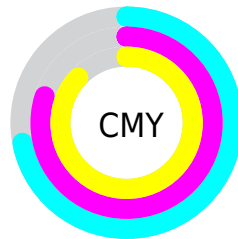


Cyan (0%)

Magenta (27%)

Yellow (55%)

Black (72%)



Cyan (72%)

Magenta (80%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473420 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 473420 by changing the saturation by 10% instead.

■ 473420

■ 473420

FFFFFF

■ 301F0A

■ 79624C

■ 1A0700

■ 937B64

■ 000000

■ AE957D

■ CAB097

■ E6CBB2

■ FFE7CE

■ FFFFEA

■ 473420

■ 473420

■ 473119

■ 473727

■ 472D12

■ 473B2E

■ 472A0B

■ 473E35

■ 472604

■ 47423C

■ 472400

■ 474544

■ 47494B

■ 474C52

■ 475059

■ 475360

Harmonies

Analogous

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



4E3028



473420



3C381F

Triad

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



473420



0D3E3C



3F334B

Complementary

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



473420



203347

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.



2D3750



473420



063E48

Square

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



473420



1E3E2F



173B4F



4B2F40

Rectangle

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



473420



333B21



173B4F



39344D

Sweetspot

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



473420



5C554D



472033



2E2A25



ADADAD



2E2E2E

Same Dimension

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



473420



5C3E1F



474720



242220



633300



E37400

Inverse Universe

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



203347



1F3D5C



202047



202224



003063



006FE3

Previews

White Background



This preview shows how the Hex color 473420 looks on a white background.

Color Contrast Check

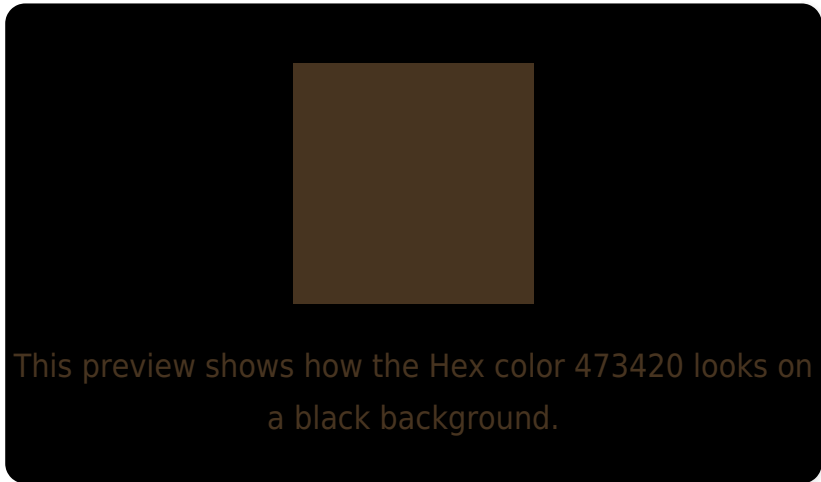
Large Text (above 18pt) WCAG AA ✓ Pass

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

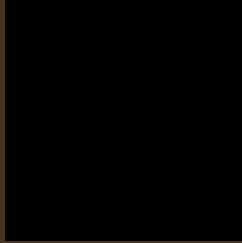
Any Text WCAG AA × Fail

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 473420 Background



This preview shows how black text looks on a background with the Hex color 473420.

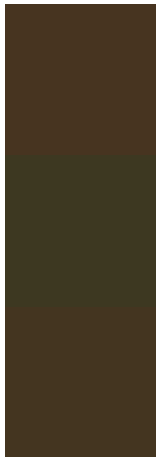


This preview shows how white text looks on a background with the Hex color 473420.

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
473420

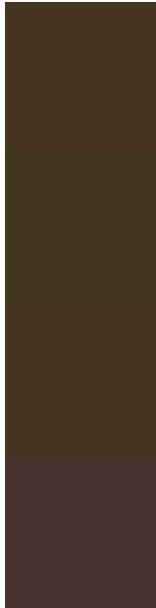
Protanopia
3D3821

Deuteranopia
443520



Tritanopia
493135

Trichromacy



Original Color
473420

Protanomaly
413721

Deuteranomaly
453520

Tritanomaly
48322D

Monochromacy



Original Color
473420

Achromatopsia
373737

Achromatomaly
3D362F

CSS Examples

Text

The CSS property to change the color of the text to Hex 473420 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 #473420 looks like.

```
.text, #text, p{  
    color:#473420  
}
```

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 #473420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473420
}
```

Border

The CSS property to change the border of an element to Hex 473420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

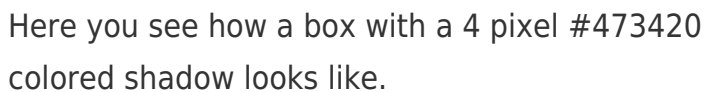
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473420 }
```

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

```
.border{ border-color:#473420 }
```

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



Here you see how a box with a 4 pixel #473420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473420; -webkit-box-shadow:4px 4px  
4px 4px #473420; box-shadow:4px 4px 4px  
4px #473420 }
```

Background

The CSS property to change the background color of an element to Hex 473420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473420 }
```

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

```
.background{ background-color:#473420 }
```

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