

Converting Colors

Hex(473227)

Have a look what the booklet for
Hex(473227) contains.

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Color

Hex(473227)

Conversions

Conversions Part 1

Format	Color
Hex	473227
RGB	71, 50, 39
RGB Percent	28%, 20%, 15%
CMY	0.7216, 0.8039, 0.8471
CMYK	0.00, 0.30, 0.45, 0.72
HSL	21°, 29%, 22%
HSV	21°, 45%, 28%
XYZ	4.1053, 3.7673, 2.4302
YIQ	55.0250, 16.0470, 1.0310

Conversions

Conversions Part 2

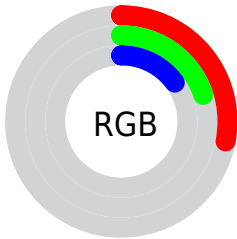
Format	Color
R_{YB}	71, 56, 39
Decimal	4665895
CIE Lab	22.89, 7.82, 10.74
CIE LCh	23, 13.279, 53.941
Yxy	3.7673, 0.3985, 0.3657
Android (android.graphics.Color)	4282855975 (0xFF473227)
YUV	55.0250, -7.9003, 14.0101
Hunter-Lab	19.4095, 3.7883, 6.1630

Details

The Hex color **473227** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **273C47**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **786054**, and **1B0400** is the 20% darker color. If you saturate the color by 10%, you get **472D20**, and if you desaturate by 10%, it is **47372E**.

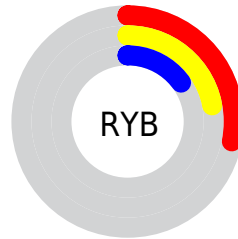
Distribution



Red (28%)

Green (20%)

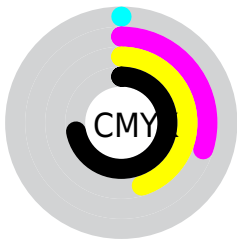
Blue (15%)



Red (28%)

Yellow (22%)

Blue (15%)

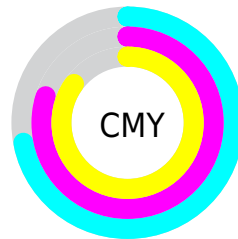


Cyan (0%)

Magenta (30%)

Yellow (45%)

Black (72%)



Cyan (72%)

Magenta (80%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473227 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 473227 by changing the saturation by 10% instead.



473227



473227

FFFFFF



301D13



786054



1B0400



93796C



000000



AD9386



C9ADA0



E5C9BB



FFE5D6



FFFFF3



473227



473227

■ 472D20

■ 47372E

■ 472919

■ 473B35

■ 472412

■ 47403C

■ 471F0B

■ 474543

■ 471B04

■ 47494B

■ 471800

■ 474E52

■ 475359

■ 475760

■ 475C67

Harmonies

Analogous

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



4A302F



473227



3F3523

Triad

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



473227



1F3C34



353549

Complementary

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



473227



273C47

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.



27384A



473227



183C3E

Square

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



473227



2A3B2B



1B3B46



413142

Rectangle

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



473227



393723



1B3B46



31364A

Sweetspot

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



473227



5C534F



47273C



2E2926



ADADAD



2E2E2E

Same Dimension

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



473227



5C3B2A



474227



242120



632200



E34E00

Inverse Universe

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



273C47



2A4B5C



272C47



202224



004163



0095E3

Previews

White Background



This preview shows how the Hex color 473227 looks on a white background.

Color Contrast Check

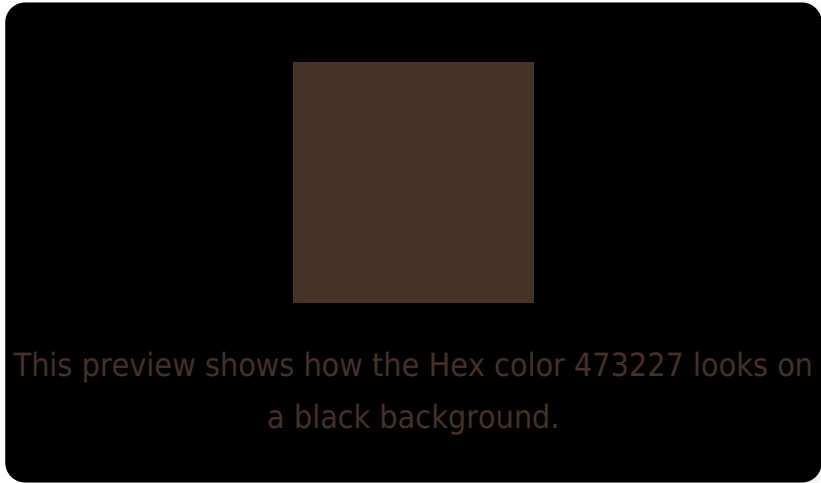
Large Text (above 18pt) WCAG AA ✓ Pass

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

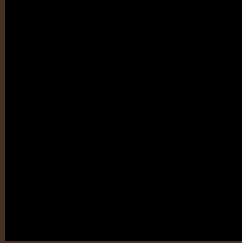
Any Text WCAG AA × Fail

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 473227 Background



This preview shows how black text looks on a background with the Hex color 473227.

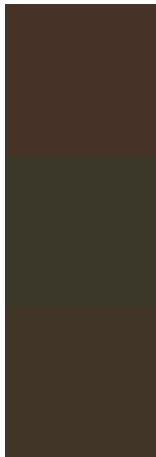


This preview shows how white text looks on a background with the Hex color 473227.

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
473227

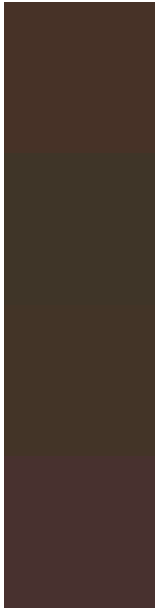
Protanopia
3B3729

Deuteranopia
413527



Tritanopia
483034

Trichromacy



Original Color

473227

Protanomaly

3F3528

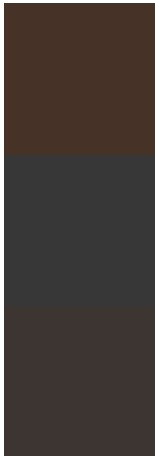
Deuteranomaly

433427

Tritanomaly

48312F

Monochromacy



Original Color

473227

Achromatopsia

373737

Achromatomaly

3D3531

CSS Examples

Text

The CSS property to change the color of the text to Hex 473227 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 #473227 looks like.

```
.text, #text, p{  
    color:#473227  
}
```

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 #473227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473227
}
```

Border

The CSS property to change the border of an element to Hex 473227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

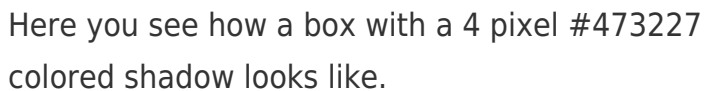
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473227 }
```

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

```
.border{ border-color:#473227 }
```

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



Here you see how a box with a 4 pixel #473227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473227; -webkit-box-shadow:4px 4px  
4px 4px #473227; box-shadow:4px 4px 4px  
4px #473227 }
```

Background

The CSS property to change the background color of an element to Hex 473227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473227 }
```

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

```
.background{ background-color:#473227 }
```

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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