

# Converting Colors

Hex(473100)

Have a look what the booklet for  
Hex(473100) contains.

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**Color**

**Hex(473100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	473100
RGB	71, 49, 0
RGB Percent	28%, 19%, 0%
CMY	0.7216, 0.8078, 1.0000
CMYK	0.00, 0.31, 1.00, 0.72
HSL	41°, 100%, 14%
HSV	41°, 100%, 28%
XYZ	3.6968, 3.5362, 0.4877
YIQ	49.9920, 28.8410, -10.5750

# Conversions

## Conversions Part 2

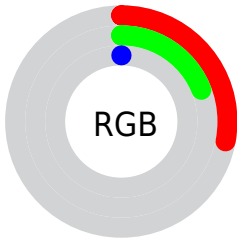
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">32, 71, 0</a>
Decimal	<a href="#">4665600</a>
CIELab	<a href="#">22.07, 5.29, 31.08</a>
CIELCh	<a href="#">22, 31.531, 80.337</a>
Yxy	<a href="#">3.5362, 0.4788, 0.4580</a>
Android (android.graphics.Color)	<a href="#">4282855680 (0xFF473100)</a>
YUV	<a href="#">49.9920, -24.6461, 18.4240</a>
Hunter-Lab	<a href="#">18.8048, 2.1829, 11.6257</a>

# Details

The Hex color **473100** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **001647**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7A5F2F**, and **150300** is the 20% darker color. If you saturate the color by 10%, you get **473100**, and if you desaturate by 10%, it is **473307**.

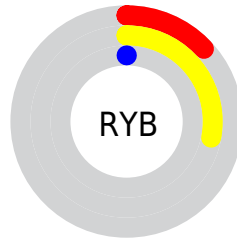
# Distribution



Red (28%)

Green (19%)

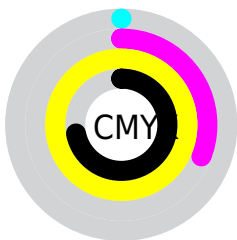
Blue (0%)



Red (13%)

Yellow (28%)

Blue (0%)

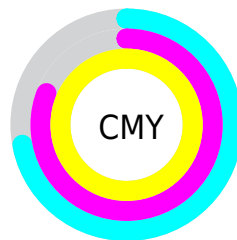


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (81%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 473100 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 473100 by changing the saturation by 10% instead.



 473100

 473100

 FFFFE5

 2E1C00

 7A5F2F

 150300

 957847

 000000

 B1915F

 CDAC78

 EAC792

 FFE3AD

 FFFFC8

 473100

■ 473307

■ 47350E

■ 473815

■ 473A1C

■ 473C24

■ 473E2B

■ 474032

■ 474339

■ 474540

# Harmonies

## Analogous

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



572711



473100



313802

# Triad

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



473100



004044



4A2753

# Complementary

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



473100



001647

# 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.



263261



473100



003E58

# Square

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



473100



003F2C



003A63



5B1F3D

# Rectangle

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



473100



1F3C0E



003A63



402B59



# Sweetspot

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



473100



5C5340



470016



2E291D



ADADAD



2E2E2E



# Same Dimension

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



473100



5C3F00



3A4700



242320



634500



E39D00



# Inverse Universe

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



001647



001C5C



0D0047



202124



001F63

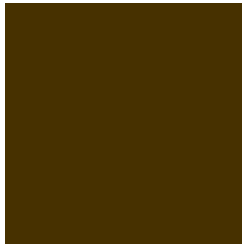


0046E3



# Previews

## White Background



This preview shows how the Hex color 473100 looks on a white background.

## Color Contrast Check

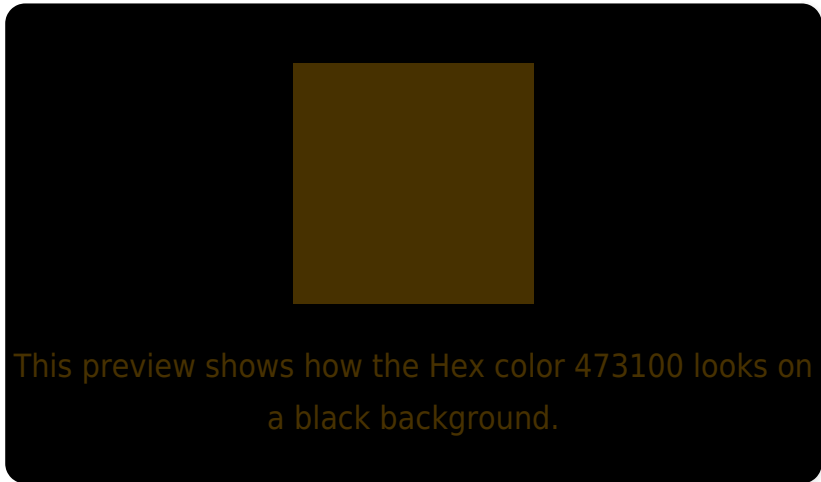
Large Text (above 18pt) WCAG AA ✓ Pass

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

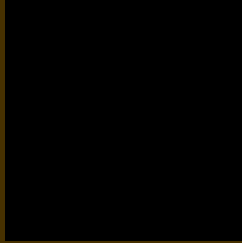
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 473100 Background



This preview shows how black text looks on a background with the Hex color 473100.



This preview shows how white text looks on a background with the Hex color 473100.

# 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**  
473100

**Protanopia**  
3C3605

**Deuteranopia**  
443300



**Tritanopia**  
492E31

# Trichromacy



**Original Color**  
473100

**Protanomaly**  
403403

**Deuteranomaly**  
453200

**Tritanomaly**  
482F1F

# Monochromacy



**Original Color**  
473100

**Achromatopsia**  
323232

**Achromatomaly**  
3A3220

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 473100 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 #473100 looks like.

```
.text, #text, p{  
    color:#473100  
}
```

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 #473100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473100
}
```

## Border

The CSS property to change the border of an element to Hex 473100 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
#473100 }
```

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

```
.border{ border-color:#473100 }
```

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

Here you see how a box with a 4 pixel #473100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473100; -webkit-box-shadow:4px 4px  
4px 4px #473100; box-shadow:4px 4px 4px  
4px #473100 }
```

# Background

The CSS property to change the background color of an element to Hex 473100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473100 }
```

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

```
.background{ background-color:#473100 }
```

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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