

Converting Colors

Hex(473B96)

Have a look what the booklet for
Hex(473B96) contains.

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Color

Hex(473B96)

Conversions

Conversions Part 1

Format	Color
Hex	473B96
RGB	71, 59, 150
RGB Percent	28%, 23%, 59%
CMY	0.7216, 0.7686, 0.4118
CMYK	0.53, 0.61, 0.00, 0.41
HSL	248°, 44%, 41%
HSV	248°, 61%, 59%
XYZ	9.6675, 6.6695, 29.6320
YIQ	72.9620, -22.0590, 30.8450

Conversions

Conversions Part 2

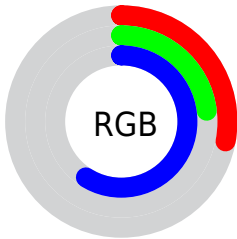
Format	Color
R_{YB}	71, 59, 150
Decimal	4668310
CIE _{Lab}	31.04, 30.63, -48.50
CIE _{LCh}	31, 57.361, 302.273
Yxy	6.6695, 0.2103, 0.1451
Android (android.graphics.Color)	4282858390 (0xFF473B96)
YUV	72.9620, 37.9797, -1.7207
Hunter-Lab	25.8254, 21.6254, -49.9512

Details

The Hex color **473B96** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8A963B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7E6BCD**, and **021062** is the 20% darker color. If you saturate the color by 10%, you get **3A2C96**, and if you desaturate by 10%, it is **544A96**.

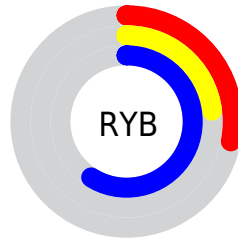
Distribution



Red (28%)

Green (23%)

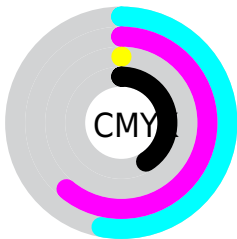
Blue (59%)



Red (28%)

Yellow (23%)

Blue (59%)

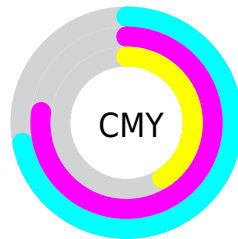


Cyan (53%)

Magenta (61%)

Yellow (0%)

Black (41%)



Cyan (72%)

Magenta (77%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473B96 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 473B96 by changing the saturation by 10% instead.

■ 473B96

■ 473B96

FFFFFF

■ 2A257C

■ 7E6BCD

■ 021062

■ 9984E9

■ 00004A

■ B69FFF

■ 000432

■ D2BAFF

■ 00021C

■ F0D5FF

■ 000000

■ FFF2FF

■ 473B96

■ 473B96

■ 3A2C96

■ 544A96

■ 2D1D96

■ 615996

■ 200E96

■ 6E6896

■ 140096

■ 7B7796

■ 888696

■ 959596

■ A2A496

■ AFB396

■ BCC296

Harmonies

Analogous

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



004EA4



473B96



801D74

Triad

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



473B96



7A3500



005B4B

Complementary

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



473B96



8A963B

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.



00591B



473B96



574900

Square

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



473B96



90181C



285400



005C78

Rectangle

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



473B96



910157



285400



005B3C

Sweetspot

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



473B96



A49FC2



3B8B96



4E4C61



E0E0E0



616161

Same Dimension

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



473B96



4734C2



733B96



44434A



12008A



01000A

Inverse Universe

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



963B8A



C234AF



5E963B



4A4349



8A0078



0A0009

Previews

White Background



This preview shows how the Hex color 473B96 looks on a white background.

Color Contrast Check

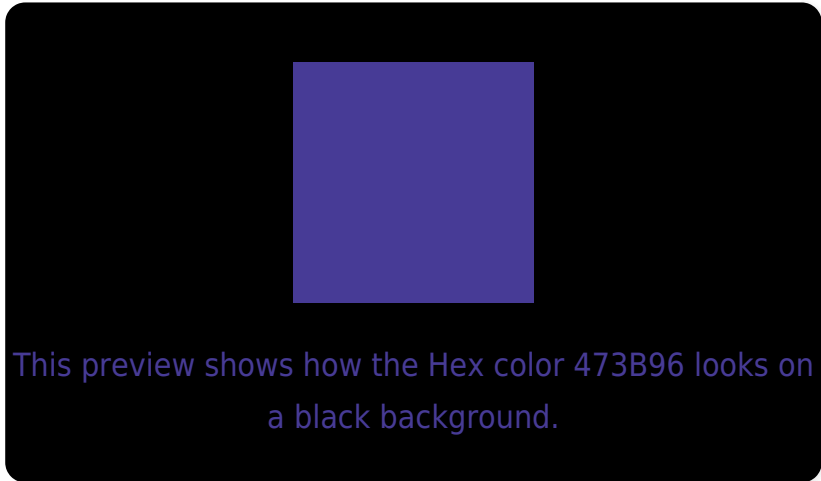
Large Text (above 18pt) WCAG AA ✓ Pass

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

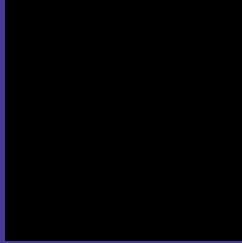
Any Text WCAG AA × Fail

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 473B96 Background



This preview shows how black text looks on a background with the Hex color 473B96.

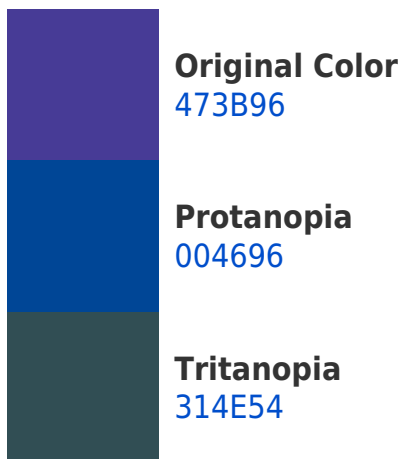


This preview shows how white text looks on a background with the Hex color 473B96.

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



Trichromacy



Original Color
473B96

Protanomaly
1A4296

Tritanomaly
39476C

Monochromacy



Original Color
473B96

Achromatopsia
494949

Achromatomaly
484465

CSS Examples

Text

The CSS property to change the color of the text to Hex 473B96 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 #473B96 looks like.

```
.text, #text, p{  
    color:#473B96  
}
```

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 #473B96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473B96  
}
```

Border

The CSS property to change the border of an element to Hex 473B96 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".

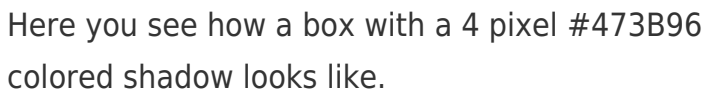
```
.border, #border, table{ border:4px solid  
#473B96 }
```

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

```
.border{ border-color:#473B96 }
```

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

Here you see how a box with a 4 pixel #473B96 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and describes the shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473B96; -webkit-box-shadow:4px 4px  
4px 4px #473B96; box-shadow:4px 4px 4px  
4px #473B96 }
```

Background

The CSS property to change the background color of an element to Hex 473B96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473B96 }
```

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

```
.background{ background-color:#473B96 }
```

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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