

Converting Colors

Hex(473B82)

Have a look what the booklet for
Hex(473B82) contains.

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Color

Hex(473B82)

Conversions

Conversions Part 1

Format	Color
Hex	473B82
RGB	71, 59, 130
RGB Percent	28%, 23%, 51%
CMY	0.7216, 0.7686, 0.4902
CMYK	0.45, 0.55, 0.00, 0.49
HSL	250°, 38%, 37%
HSV	250°, 55%, 51%
XYZ	8.1918, 6.0792, 21.8607
YIQ	70.6820, -15.6390, 24.6250

Conversions

Conversions Part 2

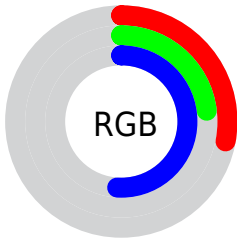
Format	Color
R_{YB}	71, 59, 130
Decimal	4668290
CIE _{Lab}	29.61, 24.26, -38.47
CIE _{LCh}	30, 45.480, 302.234
Yxy	6.0792, 0.2267, 0.1683
Android (android.graphics.Color)	4282858370 (0xFF473B82)
YUV	70.6820, 29.2438, 0.2789
Hunter-Lab	24.6561, 16.1568, -35.3088

Details

The Hex color **473B82** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **76823B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7B6BB8**, and **101050** is the 20% darker color. If you saturate the color by 10%, you get **3C2E82**, and if you desaturate by 10%, it is **524882**.

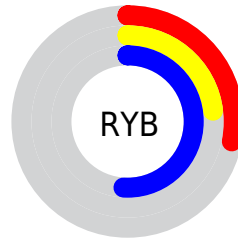
Distribution



Red (28%)

Green (23%)

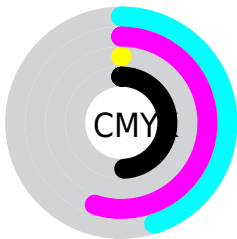
Blue (51%)



Red (28%)

Yellow (23%)

Blue (51%)

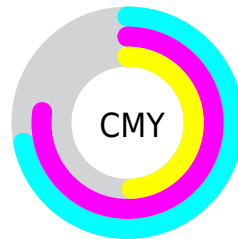


Cyan (45%)

Magenta (55%)

Yellow (0%)

Black (49%)



Cyan (72%)

Magenta (77%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473B82 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 473B82 by changing the saturation by 10% instead.

■ 473B82

■ 473B82

FFFFFF

■ 2D2568

■ 7B6BB8

■ 101050

■ 9684D3

■ 000039

■ B29EF0

■ 000222

■ CEB9FF

■ 000008

■ EBD5FF

■ 000000

■ FFF1FF

■ 473B82

■ 473B82

■ 3C2E82

■ 524882

■ 312182

■ 5D5582

■ 271482

■ 676282

■ 1C0782

■ 726F82

■ 160082

■ 7D7C82

■ 888982

■ 939682

■ 9DA382

■ A8B082

Harmonies

Analogous

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



00498D



473B82



712967

Triad

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



473B82



6E3700



005547

Complementary

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



473B82



76823B

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.



005323



473B82



534500

Square

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



473B82



802622



2F4E00



00556B

Rectangle

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



473B82



7F1F51



2F4E00



00553B

Sweetspot

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



473B82



928DA8



3B7682



474454



D4D4D4



545454

Same Dimension

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



473B82



4C39A8



6A3B82



3A3940



160080



000000

Inverse Universe

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



823B76



A83996



53823B



40393F



80006A



000000

Previews

White Background



This preview shows how the Hex color 473B82 looks on a white background.

Color Contrast Check

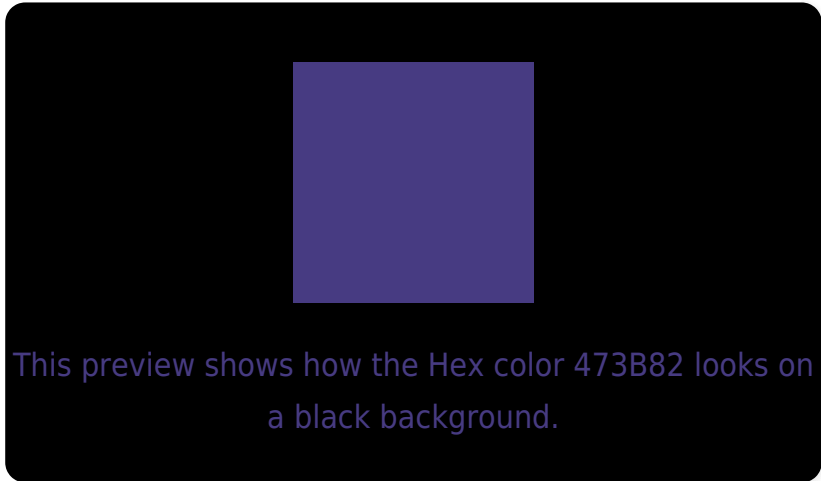
Large Text (above 18pt) WCAG AA ✓ Pass

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

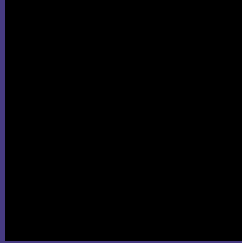
Any Text WCAG AA × Fail

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 473B82 Background



This preview shows how black text looks on a background with the Hex color 473B82.

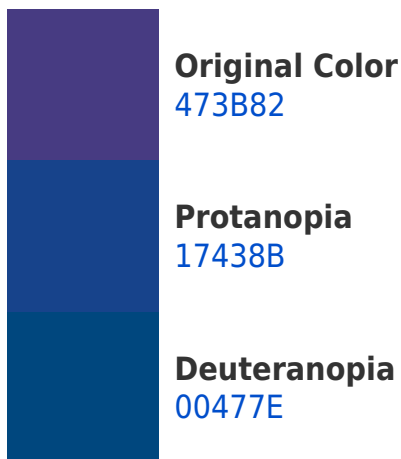


This preview shows how white text looks on a background with the Hex color 473B82.

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





Tritanopia
39484E

Trichromacy



Original Color
473B82

Protanomaly
284088

Deuteranomaly
1A437F

Tritanomaly
3E4361

Monochromacy



Original Color
473B82

Achromatopsia
474747

Achromatomaly
47435C

CSS Examples

Text

The CSS property to change the color of the text to Hex 473B82 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 #473B82 looks like.

```
.text, #text, p{  
    color:#473B82  
}
```

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 #473B82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473B82
}
```

Border

The CSS property to change the border of an element to Hex 473B82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

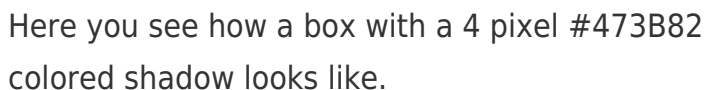
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473B82 }
```

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

```
.border{ border-color:#473B82 }
```

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



Here you see how a box with a 4 pixel #473B82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473B82; -webkit-box-shadow:4px 4px  
4px 4px #473B82; box-shadow:4px 4px 4px  
4px #473B82 }
```

Background

The CSS property to change the background color of an element to Hex 473B82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473B82 }
```

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

```
.background{ background-color:#473B82 }
```

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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