

Converting Colors

Hex(473FB2)

Have a look what the booklet for
Hex(473FB2) contains.

Hex(473FB2)	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(473FB2)

Conversions

Conversions Part 1

Format	Color
Hex	473FB2
RGB	71, 63, 178
RGB Percent	28%, 25%, 70%
CMY	0.7216, 0.7529, 0.3020
CMYK	0.60, 0.65, 0.00, 0.30
HSL	244°, 48%, 47%
HSV	244°, 65%, 70%
XYZ	12.4119, 8.1090, 43.0305
YIQ	78.5020, -32.1470, 37.4610

Conversions

Conversions Part 2

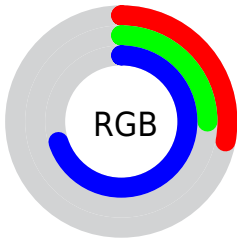
Format	Color
R_{YB}	71, 63, 178
Decimal	4669362
CIE _{Lab}	34.21, 37.25, -60.20
CIE _{LCh}	34, 70.797, 301.749
Yxy	8.1090, 0.1953, 0.1276
Android (android.graphics.Color)	4282859442 (0xFF473FB2)
YUV	78.5020, 49.0525, -6.5793
Hunter-Lab	28.4762, 27.9693, -69.6599

Details

The Hex color **473FB2** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AAB23F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **826FEB**, and **00137C** is the 20% darker color. If you saturate the color by 10%, you get **362DB2**, and if you desaturate by 10%, it is **5851B2**.

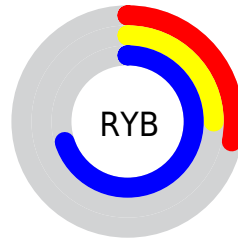
Distribution



Red (28%)

Green (25%)

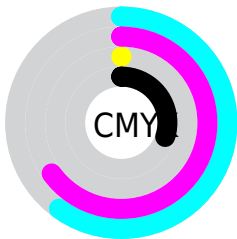
Blue (70%)



Red (28%)

Yellow (25%)

Blue (70%)

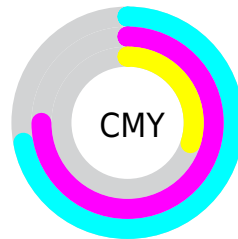


Cyan (60%)

Magenta (65%)

Yellow (0%)

Black (30%)



Cyan (72%)

Magenta (75%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473FB2 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 473FB2 by changing the saturation by 10% instead.

■ 473FB2

■ 473FB2

FFFFFF

■ 252897

■ 826FEB

■ 00137C

■ 9F89FF

■ 000062

■ BCA4FF

■ 00004A

■ D9BFFF

■ 000432

■ F7DBFF

■ 00021C

■ FFF7FF

■ 000000

■ 473FB2

■ 473FB2

■ 362DB2

■ 5851B2

■ 261BB2

■ 6863B2

■ 150AB2

■ 7974B2

■ 0C00B2

■ 8986B2

■ 9A98B2

■ AAAAB2

■ BBBCB2

■ CBCDB2

■ DCDFB2

Harmonies

Analogous

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



0058C3



473FB2



930787

Triad

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



473FB2



8B3600



006652

Complementary

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



473FB2



AAB23F

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.



006313



473FB2



605000

Square

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



473FB2



A70019



235D00



00678B

Rectangle

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



473FB2



A80063



235D00



00663F

Sweetspot

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



473FB2



BFBCE8



3FAAB2



5C5A75



F5F5F5



757575

Same Dimension

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



473FB2



4033E8



803FB2



515059



0B0099



02001A

Inverse Universe

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



B23FAA



E833DB



71B23F



595059



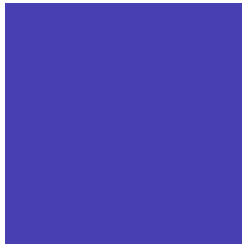
99008E



1A0018

Previews

White Background



This preview shows how the Hex color 473FB2 looks on a white background.

Color Contrast Check

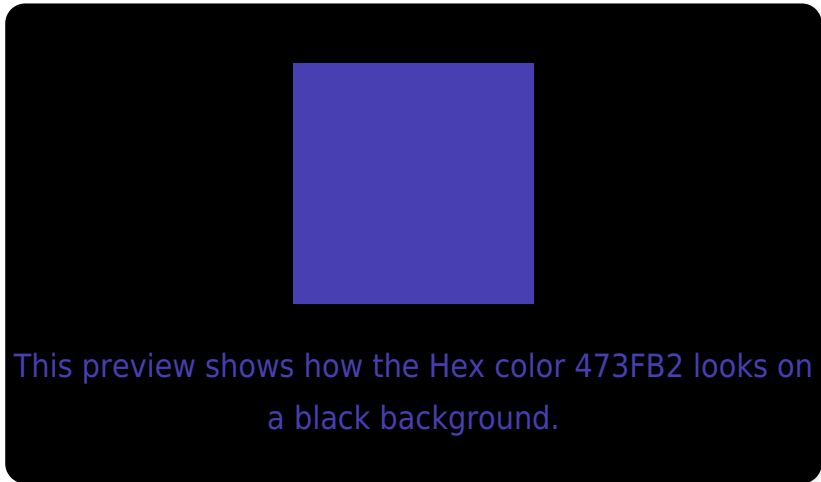
Large Text (above 18pt) WCAG AA ✓ Pass

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

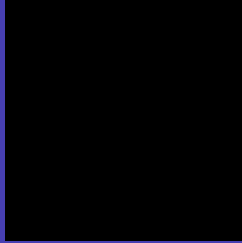
Any Text WCAG AA × Fail

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 473FB2 Background



This preview shows how black text looks on a background with the Hex color 473FB2.



This preview shows how white text looks on a background with the Hex color 473FB2.

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
473FB2

Protanopia
004DA4

Deuteranopia
00528D



Tritanopia
20585F

Trichromacy



Original Color
473FB2

Protanomaly
1A48A9

Deuteranomaly
1A4B9A

Tritanomaly
2E4F7D

Monochromacy



Original Color
473FB2

Achromatopsia
4F4F4F

Achromatomaly
4C4973

CSS Examples

Text

The CSS property to change the color of the text to Hex 473FB2 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 #473FB2 looks like.

```
.text, #text, p{  
    color:#473FB2  
}
```

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 #473FB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473FB2
}
```

Border

The CSS property to change the border of an element to Hex 473FB2 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".

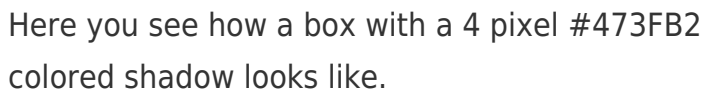
```
.border, #border, table{ border:4px solid
#473FB2 }
```

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

```
.border{ border-color:#473FB2 }
```

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

Here you see how a box with a 4 pixel #473FB2 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473FB2; -webkit-box-shadow:4px 4px  
4px 4px #473FB2; box-shadow:4px 4px 4px  
4px #473FB2 }
```

Background

The CSS property to change the background color of an element to Hex 473FB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473FB2 }
```

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

```
.background{ background-color:#473FB2 }
```

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