

Converting Colors

Hex(473DC1)

Have a look what the booklet for
Hex(473DC1) contains.

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Color

Hex(473DC1)

Conversions

Conversions Part 1

Format	Color
Hex	473DC1
RGB	71, 61, 193
RGB Percent	28%, 24%, 76%
CMY	0.7216, 0.7608, 0.2431
CMYK	0.63, 0.68, 0.00, 0.24
HSL	245°, 52%, 50%
HSV	245°, 68%, 76%
XYZ	13.8929, 8.5273, 51.3658
YIQ	79.0380, -36.4120, 43.1720

Conversions

Conversions Part 2

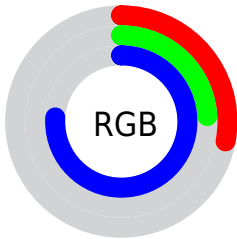
Format	Color
R _Y B	71, 61, 193
Decimal	4668865
CIE Lab	35.06, 43.31, -67.66
CIE LCh	35, 80.334, 302.621
Yxy	8.5273, 0.1883, 0.1156
Android (android.graphics.Color)	4282858945 (0xFF473DC1)
YUV	79.0380, 56.1833, -7.0493
Hunter-Lab	29.2016, 33.8201, -83.8503

Details

The Hex color **473DC1** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **B7C13D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **856EFB**, and **00108A** is the 20% darker color. If you saturate the color by 10%, you get **352AC1**, and if you desaturate by 10%, it is **5950C1**.

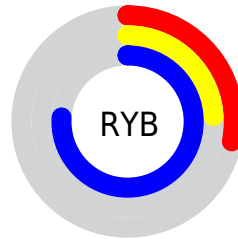
Distribution



Red (28%)

Green (24%)

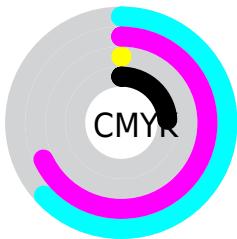
Blue (76%)



Red (28%)

Yellow (24%)

Blue (76%)

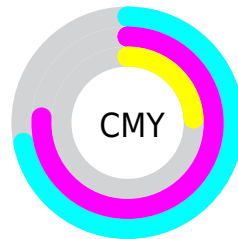


Cyan (63%)

Magenta (68%)

Yellow (0%)

Black (24%)



Cyan (72%)

Magenta (76%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473DC1 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 473DC1 by changing the saturation by 10% instead.

■ 473DC1

■ 473DC1

FFFFFF

■ 2126A5

■ 856EFB

■ 00108A

■ A288FF

■ 000070

■ C0A2FF

■ 000056

■ DEBDFF

■ 00063E

■ FCD9FF

■ 000327

■ FFF6FF

■ 000111

■ 000000

■ 473DC1

■ 473DC1

■ 352AC1

■ 5950C1

■ 2316C1

■ 6B64C1

■ 1103C1

■ 7D77C1

■ 0F00C1

■ 8E8AC1

■ A09EC1

■ B2B1C1

■ C4C4C1

■ D6D7C1

■ E8EBC1

Harmonies

Analogous

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



005BD6



473DC1



9F008F

Triad

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



473DC1



923400



006A57

Complementary

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



473DC1



B7C13D

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.



00670A



473DC1



615200

Square

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



473DC1



B30011



106100



006B97

Rectangle

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



473DC1



B60065



106100



006940

Sweetspot

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



473DC1



C9C5FA



3DB8C1



605E7D



FCFCFC



7D7D7D

Same Dimension

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



473DC1



3D2DFA



883DC1



585761



0C00A1



030021

Inverse Universe

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



C13DB7



FA2DEA



76C13D



615760



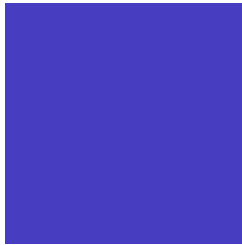
A10094



21001F

Previews

White Background



This preview shows how the Hex color 473DC1 looks on a white background.

Color Contrast Check

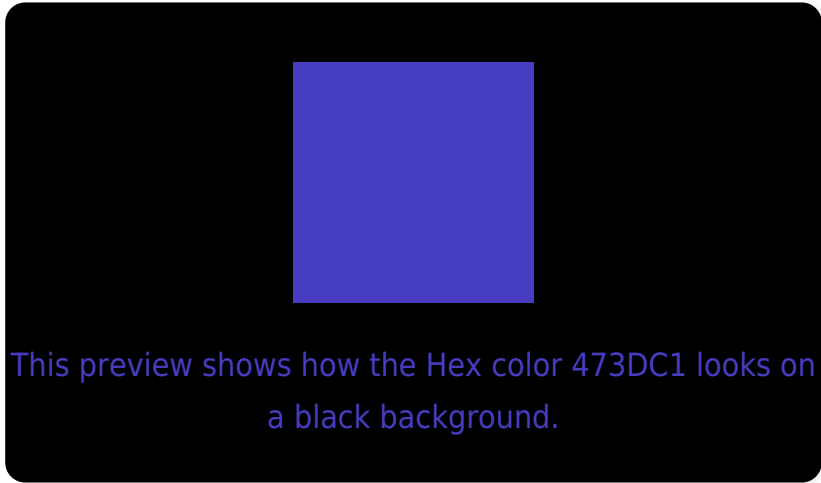
Large Text (above 18pt) WCAG AA ✓ Pass

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

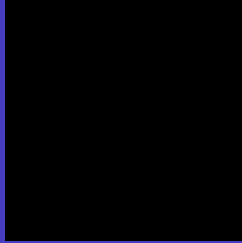
Any Text WCAG AA × Fail

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 473DC1 Background



This preview shows how black text looks on a background with the Hex color 473DC1.



This preview shows how white text looks on a background with the Hex color 473DC1.

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
005B63

Trichromacy



Original Color
473DC1

Protanomaly
1A48B0

Deuteranomaly
1A4CA2

Tritanomaly
1A5085

Monochromacy



Original Color
473DC1

Achromatopsia
4F4F4F

Achromatomaly
4C4878

CSS Examples

Text

The CSS property to change the color of the text to Hex 473DC1 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 #473DC1 looks like.

```
.text, #text, p{  
    color:#473DC1  
}
```

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 #473DC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473DC1
}
```

Border

The CSS property to change the border of an element to Hex 473DC1 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".

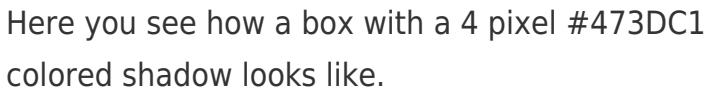
```
.border, #border, table{ border:4px solid
#473DC1 }
```

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

```
.border{ border-color:#473DC1 }
```

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

Here you see how a box with a 4 pixel #473DC1 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 #473DC1; -webkit-box-shadow:4px 4px  
4px 4px #473DC1; box-shadow:4px 4px 4px  
4px #473DC1 }
```

Background

The CSS property to change the background color of an element to Hex 473DC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473DC1 }
```

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

```
.background{ background-color:#473DC1 }
```

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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