

Converting Colors

Hex(473DFF)

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

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Color

Hex(473DFF)

Conversions

Conversions Part 1

Format	Color
Hex	473DFF
RGB	71, 61, 255
RGB Percent	28%, 24%, 100%
CMY	0.7216, 0.7608, 0.0000
CMYK	0.72, 0.76, 0.00, 0.00
HSL	243°, 100%, 62%
HSV	243°, 76%, 100%
XYZ	22.3173, 11.8971, 95.7279
YIQ	86.1060, -56.3140, 62.4540

Conversions

Conversions Part 2

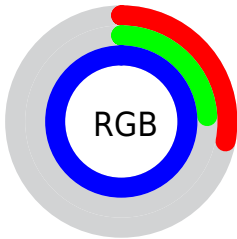
Format	Color
R _Y B	71, 61, 255
Decimal	4668927
CIE Lab	41.05, 62.55, -93.23
CIE LCh	41, 112.270, 303.858
Yxy	11.8971, 0.1717, 0.0916
Android (android.graphics.Color)	4282859007 (0xFF473DFF)
YUV	86.1060, 83.2647, -13.2480
Hunter-Lab	34.4921, 55.1327, -140.4061

Details

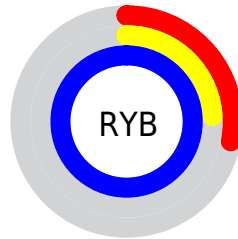
The Hex color **473DFF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F5FF3D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9070FF**, and **0007C5** is the 20% darker color. If you saturate the color by 10%, you get **2F23FF**, and if you desaturate by 10%, it is **5F57FF**.

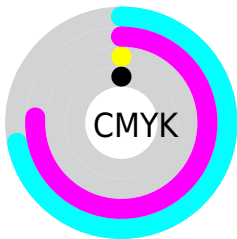
Distribution



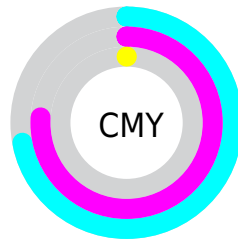
- Red (28%)
- Green (24%)
- Blue (100%)



- Red (28%)
- Yellow (24%)
- Blue (100%)



- Cyan (72%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 473DFF

 473DFF

FFFFFF

 0024E2

 9070FF

 0007C5

 B18AFF

 0000A8

 D1A6FF

 00008D

 F1C1FF

 000372

 FFDEFF

 000D58

 FFFBFF

 000740

 000329

 000113

 473DFF

 473DFF

 2F23FF

 5F57FF

 170AFF

 7770FF

 0D00FF

 908AFF

 A8A3FF

 C0BDFE

 D8D6FF

 F0F0FF

FFFFFF

Harmonies

Analogous

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



006EFF



473DFF



CF00B4

Triad

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



473DFF



B33300



007F6B

Complementary

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



473DFF



F5FF3D

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.



007C00



473DFF



6C6200

Square

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



473DFF



E40000



007500



0081C8

Rectangle

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



473DFF



EE0078



007500



007E4A

Sweetspot

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



473DFF



C7C4FF



3DF5FF



5E5C80



000000



808080

Same Dimension

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



473DFF



2317FF



A83DFF



737380



0A00BF



030040

Inverse Universe

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



FF3DF5



FF17F3



94FF3D



80737F



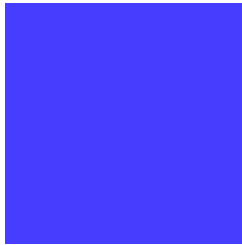
BF00B5



40003C

Previews

White Background



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

Color Contrast Check

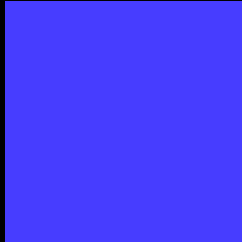
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 473DFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

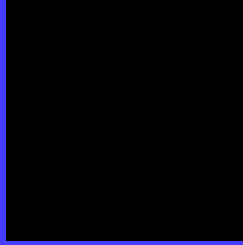
Any Text WCAG AA × Fail

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 473DFF Background



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

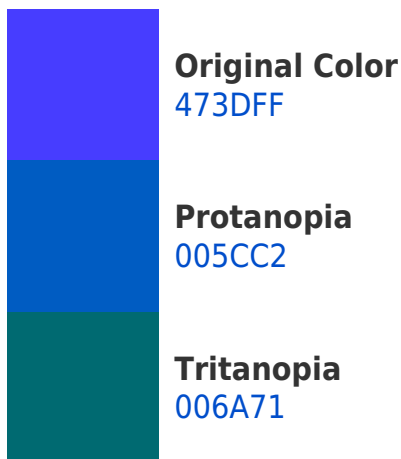


This preview shows how white text looks on a background with the Hex color 473DFF.

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
473DFF

Protanomaly
1A51D8

Tritanomaly
1A5AA5

Monochromacy



Original Color
473DFF

Achromatopsia
565656

Achromatomaly
514D93

CSS Examples

Text

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

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

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 #473DFF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 473DFF 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
#473DFF }
```

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

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

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

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

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

Background

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

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

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

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

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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