

Converting Colors

Hex(471EF3)

Have a look what the booklet for
Hex(471EF3) contains.

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Color

Hex(471EF3)

Conversions

Conversions Part 1

Format	Color
Hex	471EF3
RGB	71, 30, 243
RGB Percent	28%, 12%, 95%
CMY	0.7216, 0.8824, 0.0471
CMYK	0.71, 0.88, 0.00, 0.05
HSL	252°, 90%, 54%
HSV	252°, 88%, 95%
XYZ	19.2405, 8.7392, 85.4668
YIQ	66.5410, -43.9370, 74.9350

Conversions

Conversions Part 2

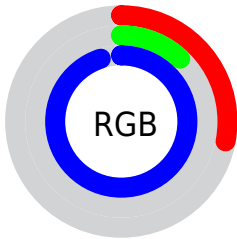
Format	Color
R _Y B	71, 30, 243
Decimal	4660979
CIE Lab	35.48, 71.70, -95.74
CIE LCh	35, 119.608, 306.829
Yxy	8.7392, 0.1696, 0.0770
Android (android.graphics.Color)	4282851059 (0xFF471EF3)
YUV	66.5410, 86.9943, 3.9105
Hunter-Lab	29.5621, 64.4426, -150.7191

Details

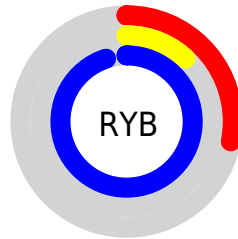
The Hex color **471EF3** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **CAF31E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9057FF**, and **0000B9** is the 20% darker color. If you saturate the color by 10%, you get **3306F3**, and if you desaturate by 10%, it is **5B36F3**.

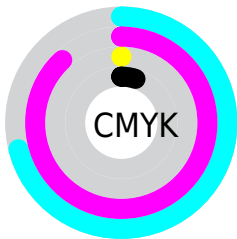
Distribution



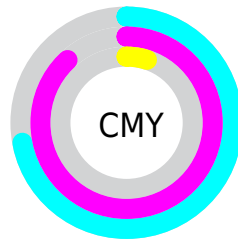
- Red (28%)
- Green (12%)
- Blue (95%)



- Red (28%)
- Yellow (12%)
- Blue (95%)



- Cyan (71%)
- Magenta (88%)
- Yellow (0%)
- Black (5%)



- Cyan (72%)
- Magenta (88%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 471EF3 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 471EF3 by changing the saturation by 10% instead.

 471EF3

 471EF3

FFFFFF

 0000D6

 9057FF

 0000B9

 B072FF

 00009D

 D18DFF

 000082

 F1A9FF

 000B67

 FFC5FF

 000A4E

 FFE2FF

 000536

 000220

 000004

■ 471EF3

■ 471EF3

■ 3306F3

■ 5B36F3

■ 2F00F3

■ 6E4FF3

■ 8267F3

■ 957FF3

■ A998F3

■ BDB0F3

■ D0C8F3

■ E4E0F3

■ F8F9F3

Harmonies

Analogous

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



0060FF



471EF3



CB00A1

Triad

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



471EF3



9F2700



007068

Complementary

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



471EF3



CAF31E

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.



006D00



471EF3



535800

Square

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



471EF3



D40000



006800



0073C8

Rectangle

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



471EF3



E50063



006800



006F47

Sweetspot

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



471EF3



C9BDFE



1ECCF3



605880



000000



808080

Same Dimension

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



471EF3



3100FF



B01EF3



716E7A



2400BA



0B003B

Inverse Universe

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



F31ECA



FF00CE



61F31E



7A6E78



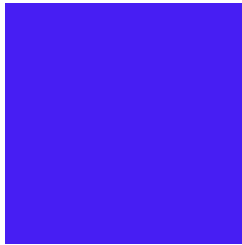
BA0096



3B002F

Previews

White Background



This preview shows how the Hex color 471EF3 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

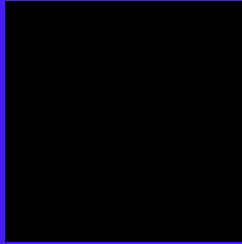
Any Text WCAG AA × Fail

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 471EF3 Background



This preview shows how black text looks on a background with the Hex color 471EF3.



This preview shows how white text looks on a background with the Hex color 471EF3.

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
471EF3

Protanopia
0050A8

Deuteranopia
00568F



Tritanopia
005C62

Trichromacy



Original Color
471EF3

Protanomaly
1A3EC3

Deuteranomaly
1A42B3

Tritanomaly
1A4597

Monochromacy



Original Color
471EF3

Achromatopsia
434343

Achromatomaly
443683

CSS Examples

Text

The CSS property to change the color of the text to Hex 471EF3 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 #471EF3 looks like.

```
.text, #text, p{  
    color:#471EF3  
}
```

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 #471EF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471EF3
}
```

Border

The CSS property to change the border of an element to Hex 471EF3 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".

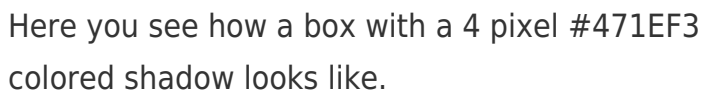
```
.border, #border, table{ border:4px solid
#471EF3 }
```

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

```
.border{ border-color:#471EF3 }
```

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

Here you see how a box with a 4 pixel #471EF3 colored shadow looks like.

A rectangular box with a thick blue border and a 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 reads: "Here you see how a box with a 4 pixel #471EF3 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471EF3; -webkit-box-shadow:4px 4px  
4px 4px #471EF3; box-shadow:4px 4px 4px  
4px #471EF3 }
```

Background

The CSS property to change the background color of an element to Hex 471EF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471EF3 }
```

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

```
.background{ background-color:#471EF3 }
```

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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