

Converting Colors

Hex(4F4FCE)

Have a look what the booklet for
Hex(4F4FCE) contains.

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Color

Hex(4F4FCE)

Conversions

Conversions Part 1

Format	Color
Hex	4F4FCE
RGB	79, 79, 206
RGB Percent	31%, 31%, 81%
CMY	0.6902, 0.6902, 0.1922
CMYK	0.62, 0.62, 0.00, 0.19
HSL	240°, 56%, 56%
HSV	240°, 62%, 81%
XYZ	17.1610, 11.7105, 59.7484
YIQ	93.4780, -40.7670, 39.4970

Conversions

Conversions Part 2

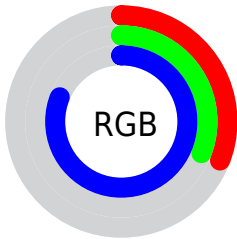
Format	Color
R_{YB}	79, 79, 206
Decimal	5197774
CIE _{Lab}	40.75, 37.98, -65.89
CIE _{LCh}	41, 76.052, 299.958
Yxy	11.7105, 0.1936, 0.1321
Android (android.graphics.Color)	4283387854 (0xFF4F4FCE)
YUV	93.4780, 55.4733, -12.6972
Hunter-Lab	34.2205, 29.6287, -79.5647

Details

The Hex color **4F4FCE** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **CECE4F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8C81FF**, and **002297** is the 20% darker color. If you saturate the color by 10%, you get **3A3ACE**, and if you desaturate by 10%, it is **6464CE**.

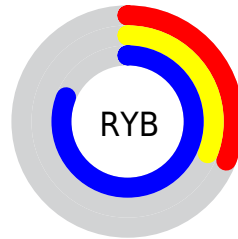
Distribution



Red (31%)

Green (31%)

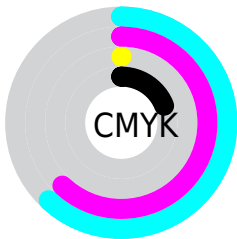
Blue (81%)



Red (31%)

Yellow (31%)

Blue (81%)

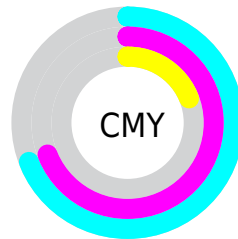


Cyan (62%)

Magenta (62%)

Yellow (0%)

Black (19%)



Cyan (69%)

Magenta (69%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F4FCE 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 4F4FCE by changing the saturation by 10% instead.

■ 4F4FCE

■ 4F4FCE

FFFFFF

■ 2B38B2

■ 8C81FF

■ 002297

■ AA9BFF

■ 000E7C

■ C7B6FF

■ 000062

■ E6D1FF

■ 000949

■ FFEFFF

■ 000432

■ 00011C

■ 000000

■ 4F4FCE


■ 4F4FCE

 3A3ACE

 6464CE

 2626CE

 7878CE

 1111CE

 8D8DCE

 0000CE

 A1A1CE

 B6B6CE

 CBCBCE

 DFD FCE

 F4F4CE

 FFFFCE

Harmonies

Analogous

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



0069DF



4F4FCE



A71FA0

Triad

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



4F4FCE



A54100



00795E

Complementary

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



4F4FCE



CECE4F

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.



007518



4F4FCE



765E00

Square

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



4F4FCE



C30126



356E00



00799D

Rectangle

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



4F4FCE



C10078



356E00



007848

Sweetspot

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



4F4FCE



D1D1FF



4FCECE



636380



000000



808080

Same Dimension

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



4F4FCE



4242FF



8F4FCE



5C5C66



0000A6



000026

Inverse Universe

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



CE4FCE



FF42FF



8FCE4F



665C66



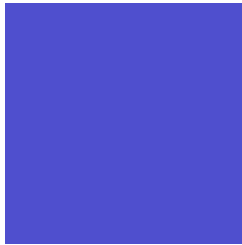
A600A6



260026

Previews

White Background



This preview shows how the Hex color 4F4FCE looks on a white background.

Color Contrast Check

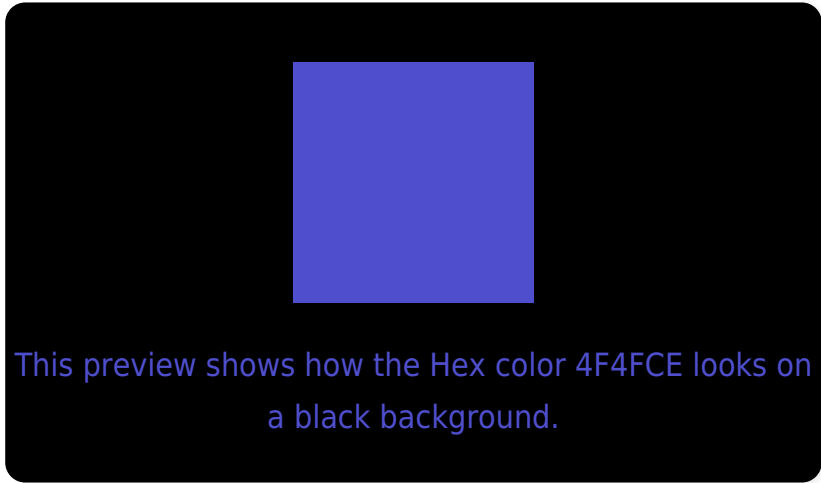
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

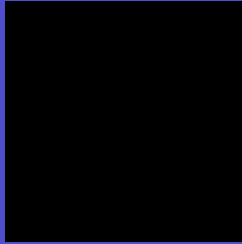
Any Text WCAG AA × Fail

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 4F4FCE Background



This preview shows how black text looks on a background with the Hex color 4F4FCE.

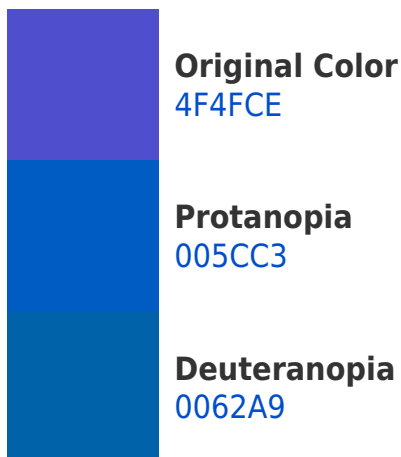


This preview shows how white text looks on a background with the Hex color 4F4FCE.

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](#).

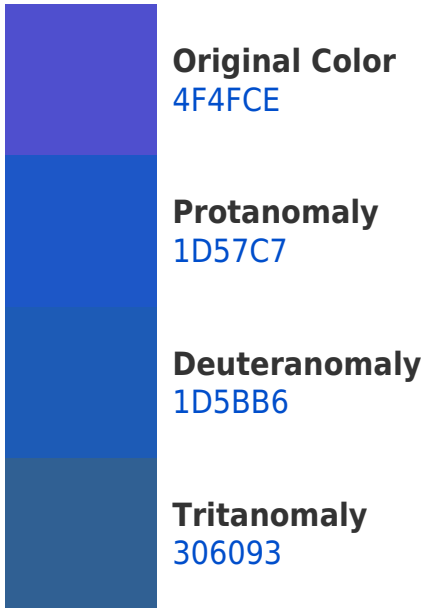
Dichromacy



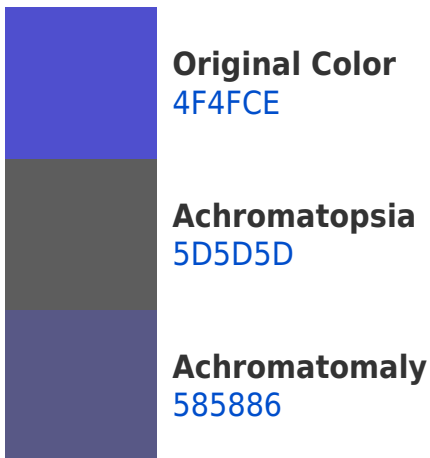


Tritanopia
1F6972

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F4FCE 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 #4F4FCE looks like.

```
.text, #text, p{  
    color:#4F4FCE  
}
```

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 #4F4FCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4FCE
}
```

Border

The CSS property to change the border of an element to Hex 4F4FCE is called "border". The border property can be set on classes, ids or directly on the HTML element.

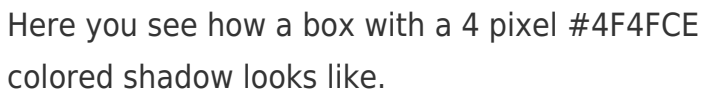
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F4FCE }
```

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

```
.border{ border-color:#4F4FCE }
```

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



Here you see how a box with a 4 pixel #4F4FCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4FCE; -webkit-box-shadow:4px 4px  
4px 4px #4F4FCE; box-shadow:4px 4px 4px  
4px #4F4FCE }
```

Background

The CSS property to change the background color of an element to Hex 4F4FCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4FCE }
```

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

```
.background{ background-color:#4F4FCE }
```

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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