

Converting Colors

Hex(4F5DCE)

Have a look what the booklet for
Hex(4F5DCE) contains.

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Color

Hex(4F5DCE)

Conversions

Conversions Part 1

Format	Color
Hex	4F5DCE
RGB	79, 93, 206
RGB Percent	31%, 36%, 81%
CMY	0.6902, 0.6353, 0.1922
CMYK	0.62, 0.55, 0.00, 0.19
HSL	233°, 56%, 56%
HSV	233°, 62%, 81%
XYZ	18.2794, 13.9472, 60.1212
YIQ	101.6960, -44.6170, 32.1750

Conversions

Conversions Part 2

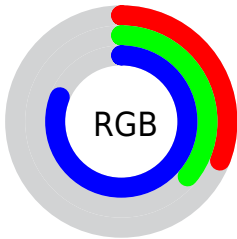
Format	Color
R_{YB}	79, 92, 206
Decimal	5201358
CIE _{Lab}	44.16, 29.31, -60.36
CIE _{LCh}	44, 67.100, 295.902
Yxy	13.9472, 0.1979, 0.1510
Android (android.graphics.Color)	4283391438 (0xFF4F5DCE)
YUV	101.6960, 51.4219, -19.9044
Hunter-Lab	37.3459, 22.0134, -69.3055

Details

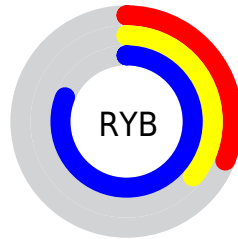
The Hex color **4F5DCE** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **CEC04F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8B8FFF**, and **003097** is the 20% darker color. If you saturate the color by 10%, you get **3A4BCE**, and if you desaturate by 10%, it is **646FCE**.

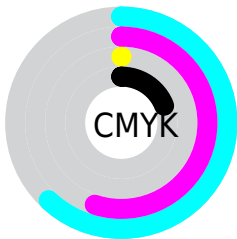
Distribution



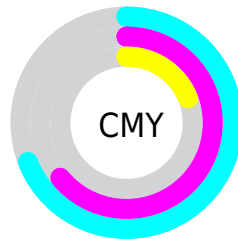
- Red (31%)
- Green (36%)
- Blue (81%)



- Red (31%)
- Yellow (36%)
- Blue (81%)



- Cyan (62%)
- Magenta (55%)
- Yellow (0%)
- Black (19%)



- Cyan (69%)
- Magenta (64%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F5DCE 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 4F5DCE by changing the saturation by 10% instead.

■ 4F5DCE

■ 4F5DCE

FFFFFF

■ 2C46B2

■ 8B8FFF

■ 003097

■ A9AAFF

■ 001B7C

■ C6C5FF

■ 000663

■ E4E1FF

■ 00064A

■ FFFDFF

■ 000432

■ 00021C

■ 000000

■ 4F5DCE

■ 4F5DCE

■ 3A4BCE

■ 646FCE

■ 2638CE

■ 7882CE

■ 1126CE

■ 8D94CE

■ 0017CE

■ A1A6CE

■ B6B9CE

■ CBCBCE

■ DFDDCE

■ F4F0CE

■ FFFFCE

Harmonies

Analogous

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



0072D9



4F5DCE



A23EA8

Triad

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



4F5DCE



AE4A00



00805F

Complementary

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



4F5DCE



CEC04F

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.



007C23



4F5DCE



856400

Square

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



4F5DCE



C62A3C



507300



008098

Rectangle

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



4F5DCE



BD2785



507300



007F4B

Sweetspot

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



4F5DCE



D1D6FF



4FCEBF



636780



000000



808080

Same Dimension

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



4F5DCE



4257FF



804FCE



5C5D66



0012A6



000426

Inverse Universe

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



CE4F5D



FF4257



9DCE4F



665C5D



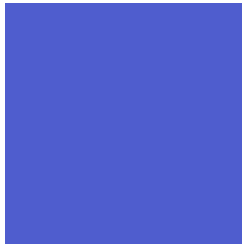
A60012



260004

Previews

White Background



This preview shows how the Hex color 4F5DCE looks on a white background.

Color Contrast Check

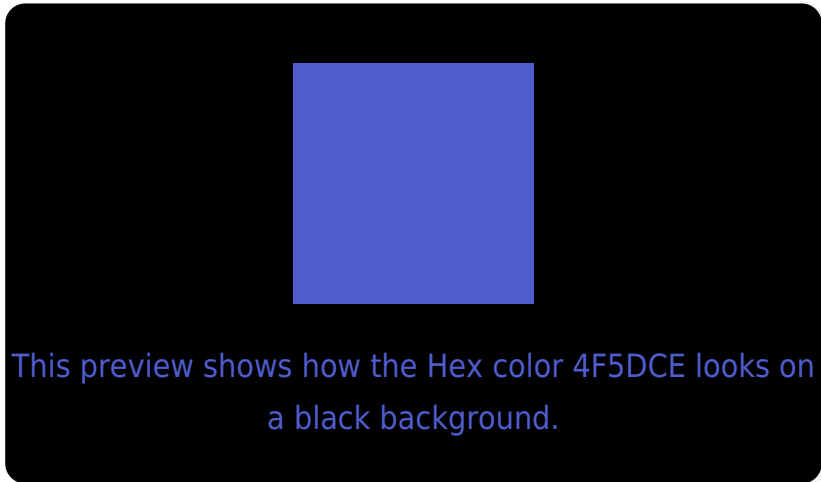
Large Text (above 18pt) WCAG AA ✓ Pass

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

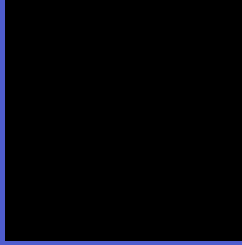
Any Text WCAG AA × Fail

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 4F5DCE Background



This preview shows how black text looks on a background with the Hex color 4F5DCE.



This preview shows how white text looks on a background with the Hex color 4F5DCE.

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
4F5DCE

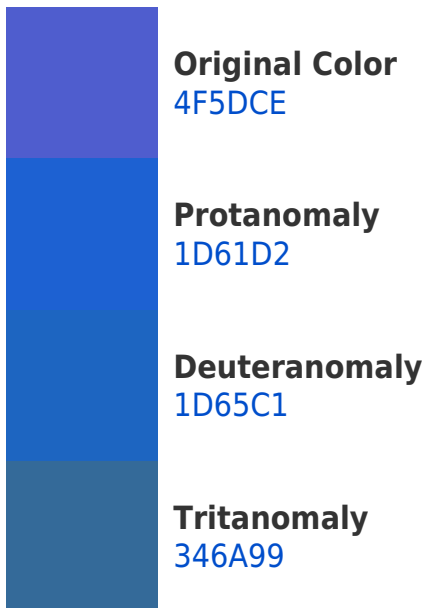
Protanopia
0064D5

Deuteranopia
006AB9



Tritanopia
25727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F5DCE 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 #4F5DCE looks like.

```
.text, #text, p{  
    color:#4F5DCE  
}
```

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 #4F5DCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5DCE
}
```

Border

The CSS property to change the border of an element to Hex 4F5DCE is called "border". The border property can be set on classes, ids or directly on the HTML element.

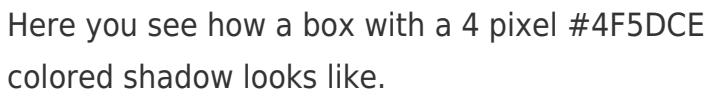
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F5DCE }
```

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

```
.border{ border-color:#4F5DCE }
```

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



Here you see how a box with a 4 pixel #4F5DCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5DCE; -webkit-box-shadow:4px 4px  
4px 4px #4F5DCE; box-shadow:4px 4px 4px  
4px #4F5DCE }
```

Background

The CSS property to change the background color of an element to Hex 4F5DCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5DCE }
```

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

```
.background{ background-color:#4F5DCE }
```

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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