

Converting Colors

Hex(4F57DE)

Have a look what the booklet for
Hex(4F57DE) contains.

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Color

Hex(4F57DE)

Conversions

Conversions Part 1

Format	Color
Hex	4F57DE
RGB	79, 87, 222
RGB Percent	31%, 34%, 87%
CMY	0.6902, 0.6588, 0.1294
CMYK	0.64, 0.61, 0.00, 0.13
HSL	237°, 68%, 59%
HSV	237°, 64%, 87%
XYZ	19.8175, 13.7526, 70.7173
YIQ	99.9980, -48.1030, 40.2890

Conversions

Conversions Part 2

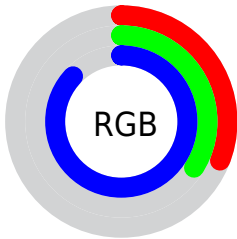
Format	Color
R_{YB}	79, 87, 222
Decimal	5199838
CIE _{Lab}	43.88, 38.40, -69.97
CIE _{LCh}	44, 79.813, 298.760
Yxy	13.7526, 0.1900, 0.1319
Android (android.graphics.Color)	4283389918 (0xFF4F57DE)
YUV	99.9980, 60.1470, -18.4152
Hunter-Lab	37.0845, 30.4903, -87.1024

Details

The Hex color **4F57DE** 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 **DED64F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8E89FF**, and **002AA6** is the 20% darker color. If you saturate the color by 10%, you get **3942DE**, and if you desaturate by 10%, it is **656CDE**.

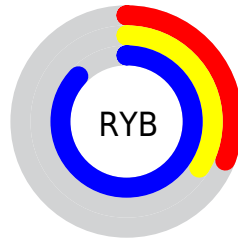
Distribution



Red (31%)

Green (34%)

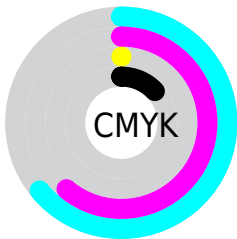
Blue (87%)



Red (31%)

Yellow (34%)

Blue (87%)

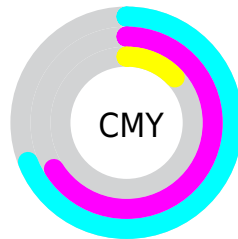


Cyan (64%)

Magenta (61%)

Yellow (0%)

Black (13%)



Cyan (69%)

Magenta (66%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F57DE 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 4F57DE by changing the saturation by 10% instead.

■ 4F57DE

■ 4F57DE

FFFFFF

■ 2840C2

■ 8E89FF

■ 002AA6

■ ACA3FF

■ 00158B

■ CBBFFF

■ 000170

■ E9DAFF

■ 000357

■ FFF7FF

■ 00063E

■ 000328

■ 000111

■ 000000

 4F57DE

 4F57DE

 3942DE

 656CDE

 232DDE

 7B81DE

 0C18DE

 9296DE

 000CDE

 A8ABDE

 BECODE

 D4D5DE

 EAEADE

 FFFFDE

Harmonies

Analogous

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



0072EF



4F57DE



B126AE

Triad

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



4F57DE



B24500



008263

Complementary

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



4F57DE



DED64F

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.



007E18



4F57DE



816400

Square

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



4F57DE



D1002D



3E7600



0082A6

Rectangle

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



4F57DE



CD0084



3E7600



00814C

Sweetspot

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



4F57DE



CFD1FF



4FDED4



626480



000000



808080

Same Dimension

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



4F57DE



3B46FF



8D4FDE



656670



000AB0



000330

Inverse Universe

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



DE4F57



FF3B46



A0DE4F



706566



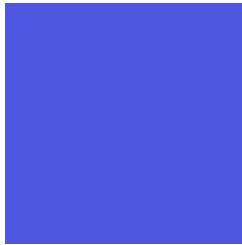
B0000A



300003

Previews

White Background



This preview shows how the Hex color 4F57DE 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

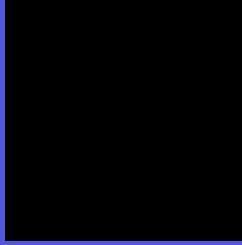
Any Text WCAG AA × Fail

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 4F57DE Background



This preview shows how black text looks on a background with the Hex color 4F57DE.

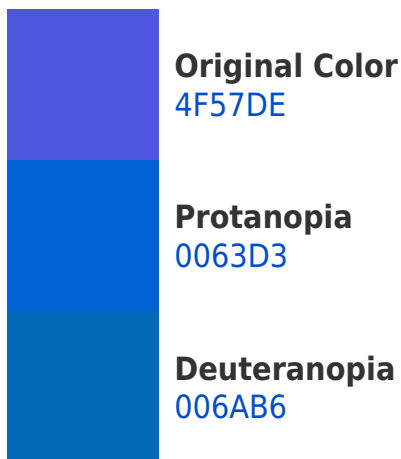


This preview shows how white text looks on a background with the Hex color 4F57DE.

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](#).

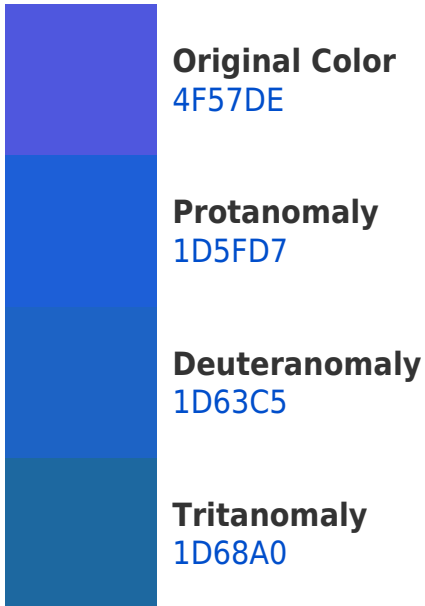
Dichromacy



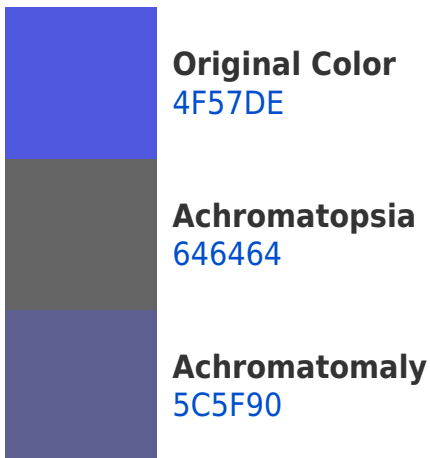


Tritanopia
00727C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F57DE 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 #4F57DE looks like.

```
.text, #text, p{  
    color:#4F57DE  
}
```

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 #4F57DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F57DE
}
```

Border

The CSS property to change the border of an element to Hex 4F57DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

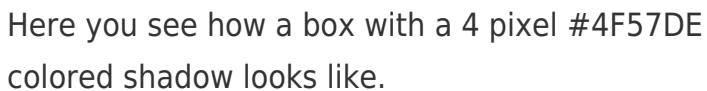
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F57DE }
```

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

```
.border{ border-color:#4F57DE }
```

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



Here you see how a box with a 4 pixel #4F57DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F57DE; -webkit-box-shadow:4px 4px  
4px 4px #4F57DE; box-shadow:4px 4px 4px  
4px #4F57DE }
```

Background

The CSS property to change the background color of an element to Hex 4F57DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F57DE }
```

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

```
.background{ background-color:#4F57DE }
```

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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