

Converting Colors

Hex(4E4FDA)

Have a look what the booklet for
Hex(4E4FDA) contains.

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Color

Hex(4E4FDA)

Conversions

Conversions Part 1

Format	Color
Hex	4E4FDA
RGB	78, 79, 218
RGB Percent	31%, 31%, 85%
CMY	0.6941, 0.6902, 0.1451
CMYK	0.64, 0.64, 0.00, 0.15
HSL	240°, 65%, 58%
HSV	240°, 64%, 85%
XYZ	18.5928, 12.2736, 67.7188
YIQ	94.5470, -45.2150, 43.0170

Conversions

Conversions Part 2

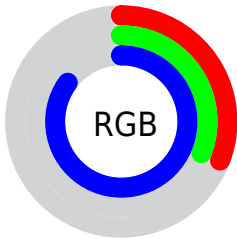
Format	Color
R_{YB}	78, 79, 218
Decimal	5132250
CIE _{Lab}	41.65, 41.77, -71.33
CIE _{LCh}	42, 82.655, 300.353
Yxy	12.2736, 0.1886, 0.1245
Android (android.graphics.Color)	4283322330 (0xFF4E4FDA)
YUV	94.5470, 60.8623, -14.5117
Hunter-Lab	35.0337, 33.4227, -90.0815

Details

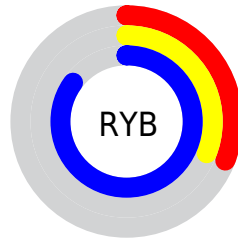
The Hex color **4E4FDA** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **DAD94E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8D81FF**, and **0022A2** is the 20% darker color. If you saturate the color by 10%, you get **3839DA**, and if you desaturate by 10%, it is **6465DA**.

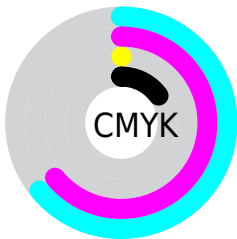
Distribution



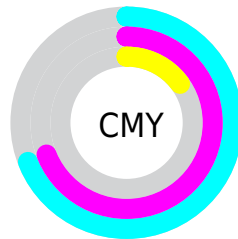
- Red (31%)
- Green (31%)
- Blue (85%)



- Red (31%)
- Yellow (31%)
- Blue (85%)



- Cyan (64%)
- Magenta (64%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (69%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4FDA 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 4E4FDA by changing the saturation by 10% instead.

 4E4FDA

 4E4FDA

FFFFFF

 2738BE

 8D81FF

 0022A2

 AB9BFF

 000D87

 CAB6FF

 00006D

 E8D2FF

 000753

 FFEEFF

 00063B

 000224

 00000C

 000000

■ 4E4FDA

■ 4E4FDA

■ 3839DA

■ 6465DA

■ 2224DA

■ 7A7ADA

■ 0D0EDA

■ 8F90DA

■ 0002DA

■ A5A6DA

■ BBBBDA

■ D1D1DA

■ E7E7DA

■ FCFCDA

■ FFFFDA

Harmonies

Analogous

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



006CED



4E4FDA



B00CA7

Triad

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



4E4FDA



AB4000



007C61

Complementary

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



4E4FDA



DAD94E

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.



007912



4E4FDA



786000

Square

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



4E4FDA



CC0022



2F7100



007DA6

Rectangle

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



4E4FDA



CB007B



2F7100



007B49

Sweetspot

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



4E4FDA



CFCFFF



4EDAD8



626280



000000



808080

Same Dimension

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



4E4FDA



3B3CFF



924EDA



63636E



0001AD



00002E

Inverse Universe

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



DA4E4F



FF3B3C



96DA4E



6E6363



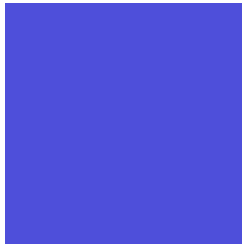
AD0001



2E0000

Previews

White Background



This preview shows how the Hex color 4E4FDA 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

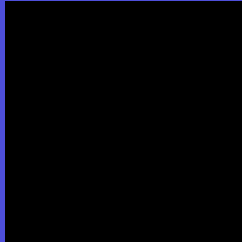
Any Text WCAG AA × Fail

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 4E4FDA Background



This preview shows how black text looks on a background with the Hex color 4E4FDA.

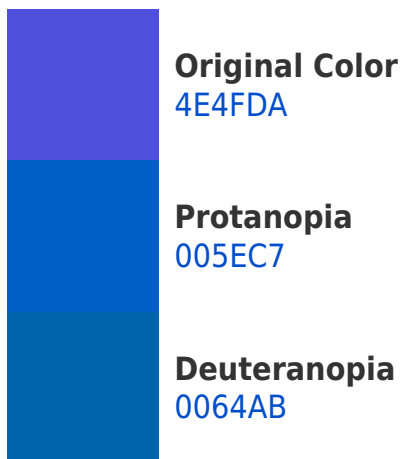


This preview shows how white text looks on a background with the Hex color 4E4FDA.

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](#).

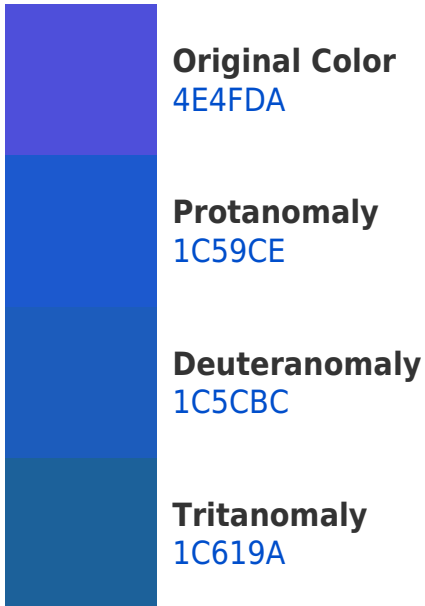
Dichromacy



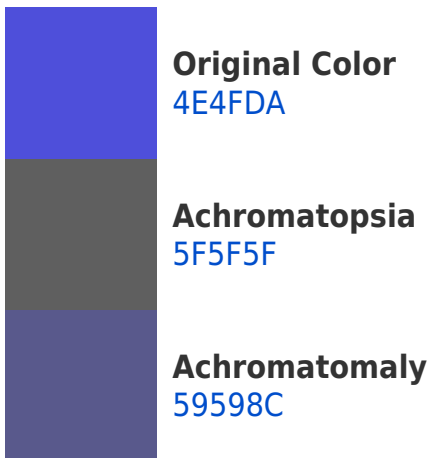


Tritanopia
006C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4FDA 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 #4E4FDA looks like.

```
.text, #text, p{  
    color:#4E4FDA  
}
```

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 #4E4FDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4FDA
}
```

Border

The CSS property to change the border of an element to Hex 4E4FDA is called "border". The border property can be set on classes, ids or directly on the HTML element.

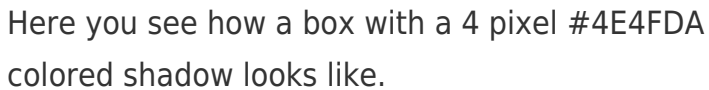
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E4FDA }
```

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

```
.border{ border-color:#4E4FDA }
```

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



Here you see how a box with a 4 pixel #4E4FDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4FDA; -webkit-box-shadow:4px 4px  
4px 4px #4E4FDA; box-shadow:4px 4px 4px  
4px #4E4FDA }
```

Background

The CSS property to change the background color of an element to Hex 4E4FDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4FDA }
```

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

```
.background{ background-color:#4E4FDA }
```

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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