

Converting Colors

Hex(4E50DD)

Have a look what the booklet for
Hex(4E50DD) contains.

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Color

Hex(4E50DD)

Conversions

Conversions Part 1

Format	Color
Hex	4E50DD
RGB	78, 80, 221
RGB Percent	31%, 31%, 87%
CMY	0.6941, 0.6863, 0.1333
CMYK	0.65, 0.64, 0.00, 0.13
HSL	239°, 68%, 59%
HSV	239°, 65%, 87%
XYZ	19.0617, 12.5775, 69.8296
YIQ	95.4760, -46.4530, 43.4270

Conversions

Conversions Part 2

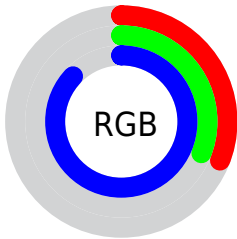
Format	Color
R_{YB}	78, 80, 221
Decimal	5132509
CIE _{Lab}	42.12, 42.15, -72.27
CIE _{LCh}	42, 83.664, 300.255
Yxy	12.5775, 0.1879, 0.1240
Android (android.graphics.Color)	4283322589 (0xFF4E50DD)
YUV	95.4760, 61.8833, -15.3265
Hunter-Lab	35.4647, 33.8774, -91.9160

Details

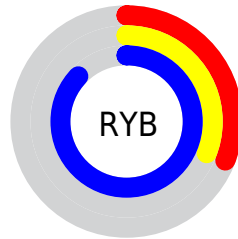
The Hex color **4E50DD** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **DDDB4E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8E82FF**, and **0023A5** is the 20% darker color. If you saturate the color by 10%, you get **383ADD**, and if you desaturate by 10%, it is **6466DD**.

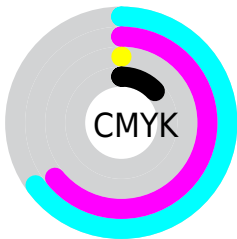
Distribution



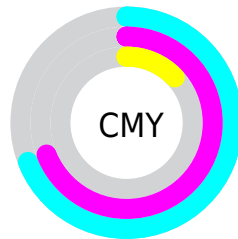
- Red (31%)
- Green (31%)
- Blue (87%)



- Red (31%)
- Yellow (31%)
- Blue (87%)



- Cyan (65%)
- Magenta (64%)
- Yellow (0%)
- Black (13%)



- Cyan (69%)
- Magenta (69%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E50DD 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 4E50DD by changing the saturation by 10% instead.

■ 4E50DD

■ 4E50DD

FFFFFF

■ 2639C0

■ 8E82FF

■ 0023A5

■ AC9CFF

■ 000E8A

■ CAB7FF

■ 00006F

■ E9D3FF

■ 000656

■ FFEFFF

■ 00063D

■ 000327

■ 000110

■ 000000

 4E50DD

 4E50DD

 383ADD

 6466DD

 2224DD

 7A7CDD

 0C0FDD

 9091DD

 0003DD

 A6A7DD

 BDBDDD

 D3D3DD

 E9E9DD

 FFFEDD

 FFFFDD

Harmonies

Analogous

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



006EF0



4E50DD



B20BA9

Triad

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



4E50DD



AD4100



007E62

Complementary

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



4E50DD



DDDB4E

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.



007A11



4E50DD



796100

Square

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



4E50DD



CF0023



307200



007FA8

Rectangle

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



4E50DD



CE007D



307200



007D4A

Sweetspot

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



4E50DD



CFCFFF



4EDDDB



626380



000000



808080

Same Dimension

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



4E50DD



383BFF



934EDD



63636E



0002AD



00012E

Inverse Universe

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



DD4E50



FF383B



98DD4E



6E6363



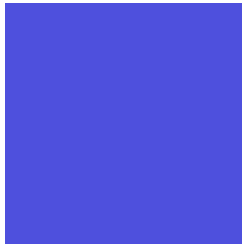
AD0002



2E0001

Previews

White Background



This preview shows how the Hex color 4E50DD looks on a white background.

Color Contrast Check

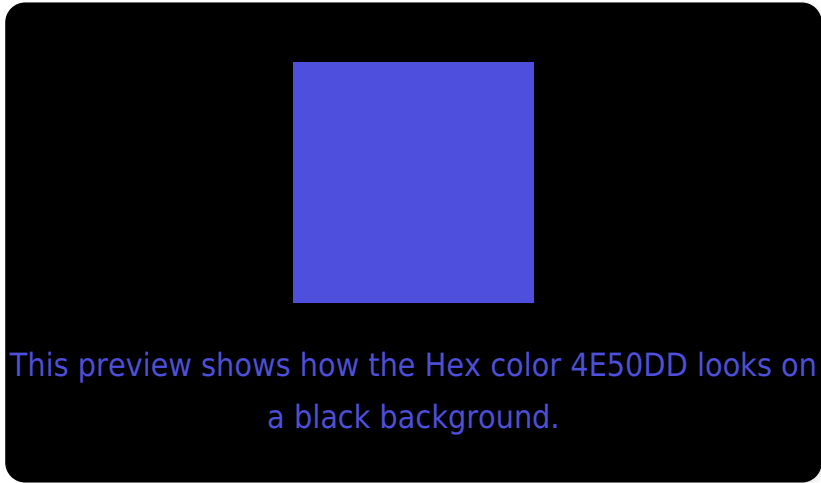
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E50DD Background



This preview shows how black text looks on a background with the Hex color 4E50DD.

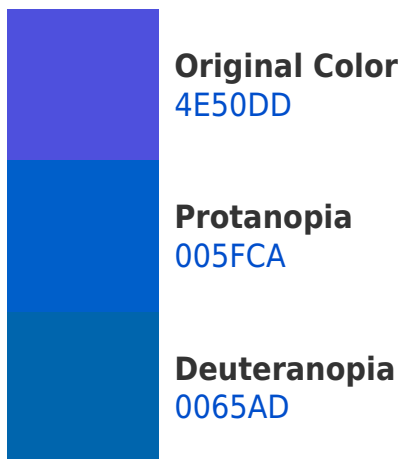


This preview shows how white text looks on a background with the Hex color 4E50DD.

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](#).

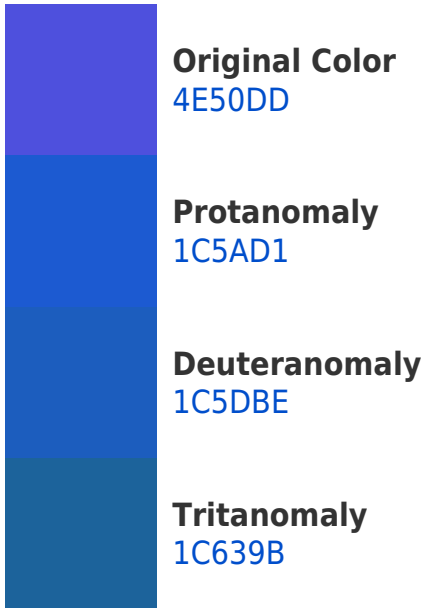
Dichromacy



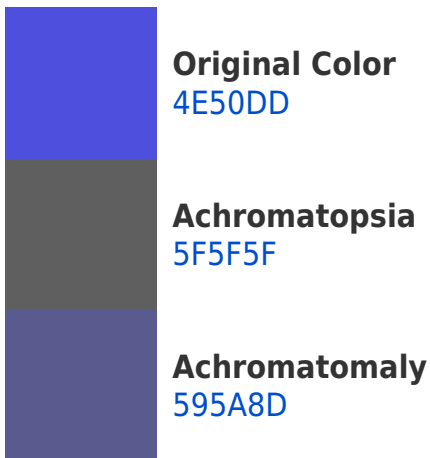


Tritanopia
006E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E50DD 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 #4E50DD looks like.

```
.text, #text, p{  
    color:#4E50DD  
}
```

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 #4E50DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E50DD
}
```

Border

The CSS property to change the border of an element to Hex 4E50DD 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
#4E50DD }
```

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

```
.border{ border-color:#4E50DD }
```

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

Here you see how a box with a 4 pixel #4E50DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E50DD; -webkit-box-shadow:4px 4px  
4px 4px #4E50DD; box-shadow:4px 4px 4px  
4px #4E50DD }
```

Background

The CSS property to change the background color of an element to Hex 4E50DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E50DD }
```

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

```
.background{ background-color:#4E50DD }
```

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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