

Converting Colors

Hex(4B4AEE)

Have a look what the booklet for
Hex(4B4AEE) contains.

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Color

Hex(4B4AEE)

Conversions

Conversions Part 1

Format	Color
Hex	4B4AEE
RGB	75, 74, 238
RGB Percent	29%, 29%, 93%
CMY	0.7059, 0.7098, 0.0667
CMYK	0.68, 0.69, 0.00, 0.07
HSL	240°, 83%, 61%
HSV	240°, 69%, 93%
XYZ	20.7830, 12.5665, 82.2191
YIQ	92.9950, -52.0480, 51.2160

Conversions

Conversions Part 2

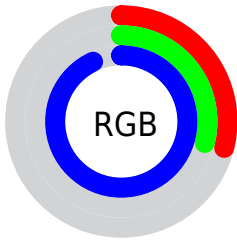
Format	Color
R_{YB}	75, 74, 238
Decimal	4934382
CIE _{Lab}	42.10, 50.78, -81.95
CIE _{LCh}	42, 96.408, 301.787
Yxy	12.5665, 0.1798, 0.1087
Android (android.graphics.Color)	4283124462 (0xFF4B4AEE)
YUV	92.9950, 71.4875, -15.7816
Hunter-Lab	35.4492, 42.6143, -112.6998

Details

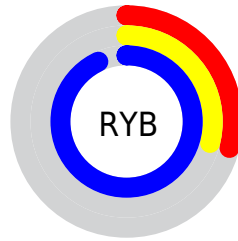
The Hex color **4B4AEE** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **EDEE4A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8F7CFF**, and **001CB5** is the 20% darker color. If you saturate the color by 10%, you get **3332EE**, and if you desaturate by 10%, it is **6362EE**.

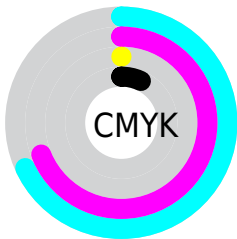
Distribution



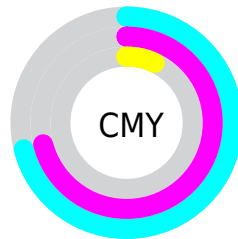
- Red (29%)
- Green (29%)
- Blue (93%)



- Red (29%)
- Yellow (29%)
- Blue (93%)



- Cyan (68%)
- Magenta (69%)
- Yellow (0%)
- Black (7%)



- Cyan (71%)
- Magenta (71%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4AEE 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 4B4AEE by changing the saturation by 10% instead.

 4B4AEE

 4B4AEE

FFFFFF

 1932D1

 8F7CFF

 001CB5

 AE96FF

 000699

 CEB1FF

 00007E

 EDCDFF

 000364

 FFE9FF

 00094B

 000433

 00021D

 000000

■ 4B4AEE

■ 4B4AEE

■ 3332EE

■ 6362EE

■ 1C1AEE

■ 7A7AEE

■ 0403EE

■ 9291EE

■ 0100EE

■ AAA9EE

■ C1C1EE

■ D9D9EE

■ F1F1EE

■ FFFFEE

Harmonies

Analogous

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



006FFF



4B4AEE



C000B0

Triad

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



4B4AEE



B23C00



008066

Complementary

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



4B4AEE



EDEE4A

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.



007C00



4B4AEE



766300

Square

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



4B4AEE



DA0015



0A7500



0081B7

Rectangle

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



4B4AEE



DD007D



0A7500



007F4A

Sweetspot

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



4B4AEE



CAC9FF



4AE000



606080



000000



808080

Same Dimension

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



4B4AEE



2D2BFF



9C4AEE



6C6C78



0100B8



000038

Inverse Universe

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



EE4AED



FF2BFE



9CEE4A



786C78



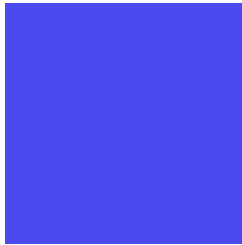
B800B6



380038

Previews

White Background



This preview shows how the Hex color 4B4AEE looks on a white background.

Color Contrast Check

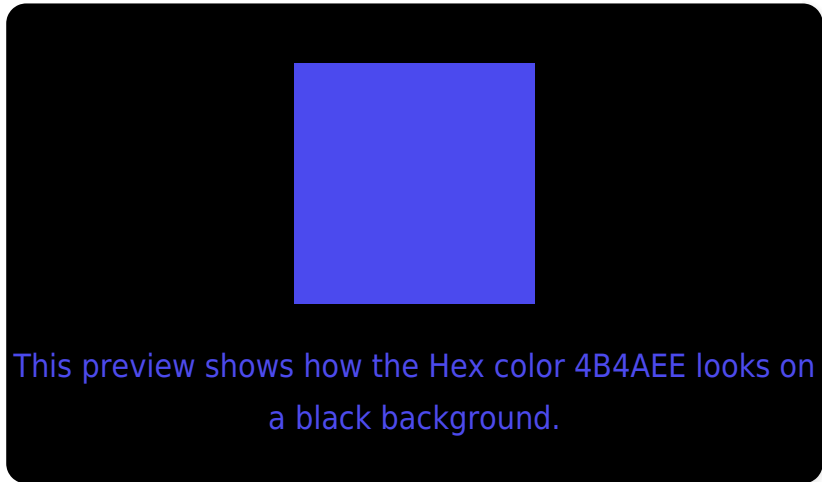
Large Text (above 18pt) WCAG AA ✓ Pass

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

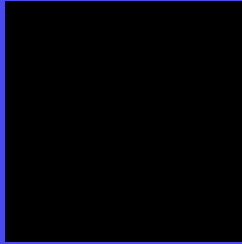
Any Text WCAG AA × Fail

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 4B4AEE Background



This preview shows how black text looks on a background with the Hex color 4B4AEE.

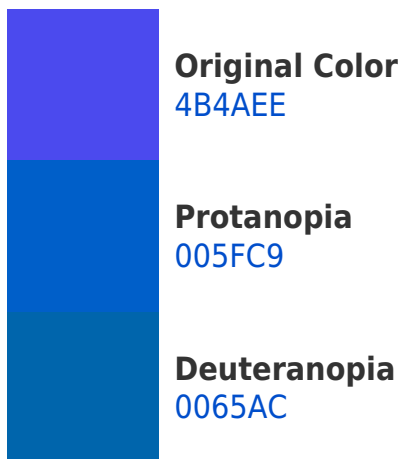


This preview shows how white text looks on a background with the Hex color 4B4AEE.

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](#).

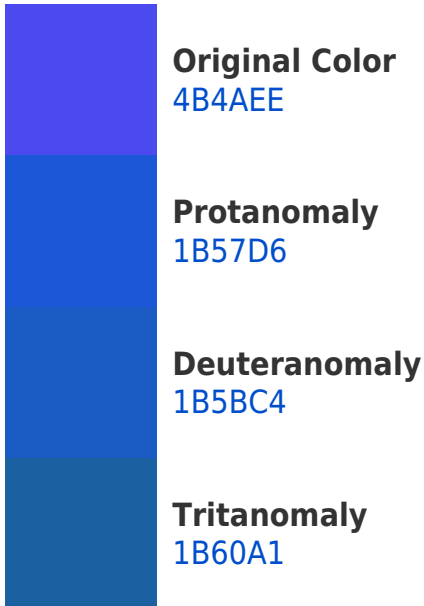
Dichromacy





Tritanopia
006D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4AEE 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 #4B4AEE looks like.

```
.text, #text, p{  
    color:#4B4AEE  
}
```

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 #4B4AEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4AEE
}
```

Border

The CSS property to change the border of an element to Hex 4B4AEE is called "border". The border property can be set on classes, ids or directly on the HTML element.

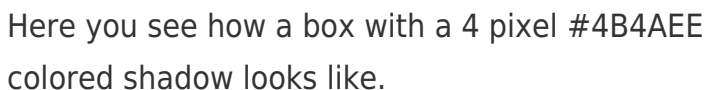
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4AEE }
```

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

```
.border{ border-color:#4B4AEE }
```

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



Here you see how a box with a 4 pixel #4B4AEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4AEE; -webkit-box-shadow:4px 4px  
4px 4px #4B4AEE; box-shadow:4px 4px 4px  
4px #4B4AEE }
```

Background

The CSS property to change the background color of an element to Hex 4B4AEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4AEE }
```

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

```
.background{ background-color:#4B4AEE }
```

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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