

# Converting Colors

Hex(4B4E9B)

Have a look what the booklet for  
Hex(4B4E9B) contains.

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# Color

**Hex(4B4E9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B4E9B
RGB	75, 78, 155
RGB Percent	29%, 31%, 61%
CMY	0.7059, 0.6941, 0.3922
CMYK	0.52, 0.50, 0.00, 0.39
HSL	238°, 35%, 45%
HSV	238°, 52%, 61%
XYZ	11.5424, 9.3112, 32.1992
YIQ	85.8810, -26.5050, 23.3110

# Conversions

## Conversions Part 2

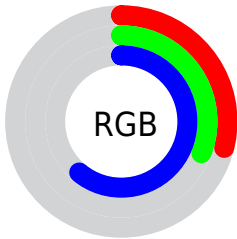
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 78, 155
Decimal	4935323
CIE <sub>Lab</sub>	36.58, 20.98, -42.60
CIE <sub>LCh</sub>	37, 47.484, 296.220
Yxy	9.3112, 0.2176, 0.1755
Android (android.graphics.Color)	4283125403 (0xFF4B4E9B)
YUV	85.8810, 34.0757, -9.5426
Hunter-Lab	30.5142, 14.1202, -41.2040

# Details

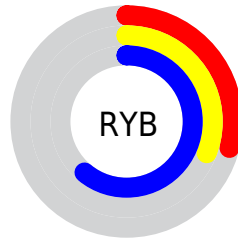
The Hex color **4B4E9B** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9B984B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **817FD2**, and **0D2267** is the 20% darker color. If you saturate the color by 10%, you get **3C3F9B**, and if you desaturate by 10%, it is **5B5D9B**.

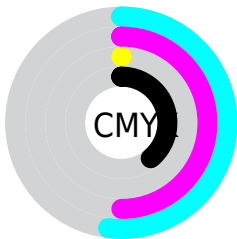
# Distribution



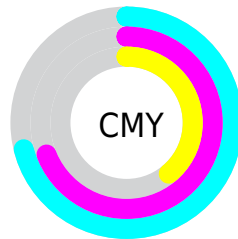
- Red (29%)
- Green (31%)
- Blue (61%)



- Red (29%)
- Yellow (31%)
- Blue (61%)



- Cyan (52%)
- Magenta (50%)
- Yellow (0%)
- Black (39%)



- Cyan (71%)
- Magenta (69%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B4E9B 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 4B4E9B by changing the saturation by 10% instead.



■ 4B4E9B

■ 4B4E9B

FFFFFF

■ 2F3781

■ 817FD2

■ 0D2267

■ 9D99EF

■ 000E4E

■ B9B4FF

■ 000037

■ D5CFFF

■ 000221

■ F2EBFF

■ 000005

■ 000000

■ 4B4E9B

■ 4B4E9B

■ 3C3F9B

■ 5B5D9B

■ 2C309B

■ 6A6C9B

■ 1D219B

■ 7A7B9B

■ 0D129B

■ 898A9B

■ 00069B

■ 99999B

■ A8A89B

■ B7B69B

■ C7C59B

■ D6D49B

# Harmonies

## Analogous

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



005CA3



4B4E9B



7F3C81

# Triad

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



4B4E9B



884314



006750

# Complementary

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



4B4E9B



9B984B

# 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.



016429



4B4E9B



6C5300

# Square

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



4B4E9B



983337



475E02



006777

# Rectangle

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



4B4E9B



913169



475E02



006643



# Sweetspot

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



4B4E9B



ABACC9



4B9B97



545466



E6E6E6



666666



# Same Dimension

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



4B4E9B



4D51C9



6F4B9B



45454D



00058C



00000D



# Inverse Universe

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



9B4B4E



C94D51



779B4B



4D4545



8C0005

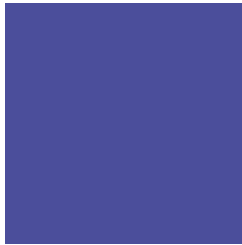


0D0000



# Previews

## White Background



This preview shows how the Hex color 4B4E9B looks on a white background.

## Color Contrast Check

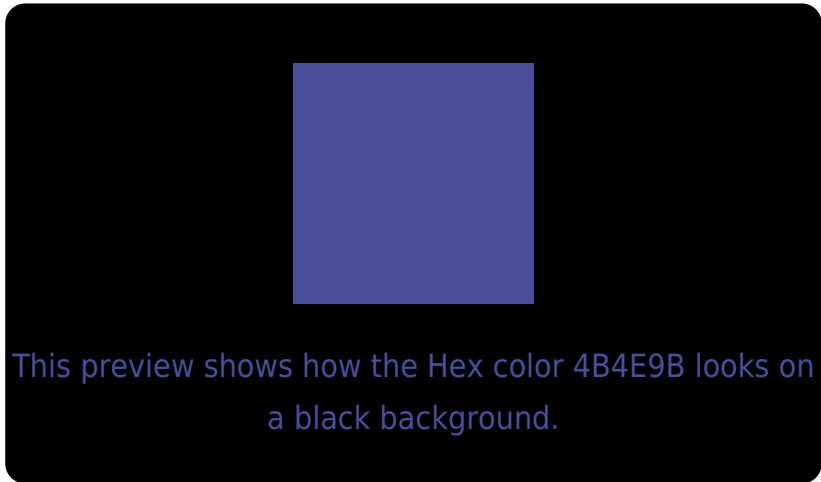
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

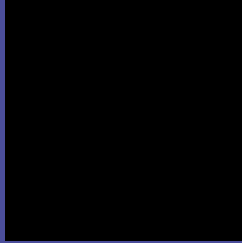
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B4E9B Background



This preview shows how black text looks on a background with the Hex color 4B4E9B.

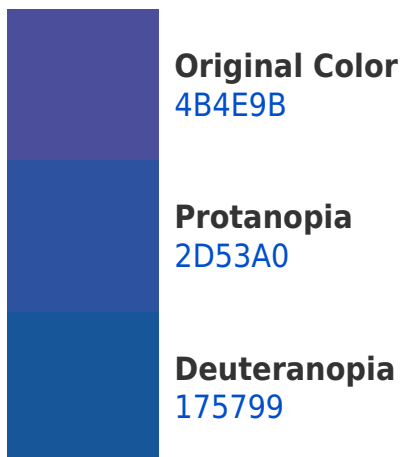


This preview shows how white text looks on a background with the Hex color 4B4E9B.

# 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](#).

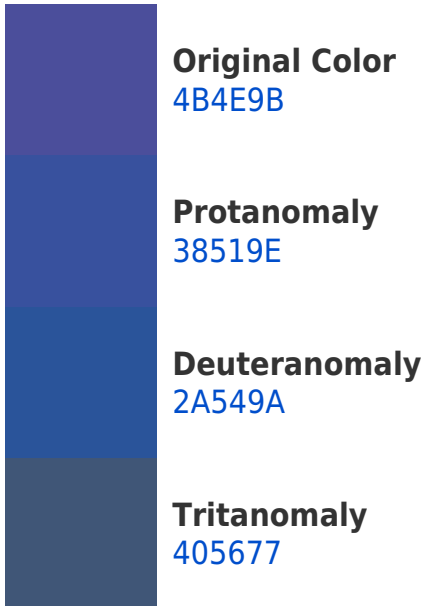
## Dichromacy



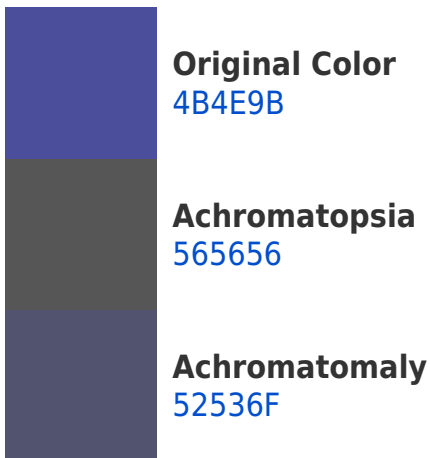


**Tritanopia**  
395B63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B4E9B 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 #4B4E9B looks like.

```
.text, #text, p{  
    color:#4B4E9B  
}
```

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 #4B4E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4E9B
}
```

## Border

The CSS property to change the border of an element to Hex 4B4E9B 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
#4B4E9B }
```

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

```
.border{ border-color:#4B4E9B }
```

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

Here you see how a box with a 4 pixel #4B4E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4E9B; -webkit-box-shadow:4px 4px  
4px 4px #4B4E9B; box-shadow:4px 4px 4px  
4px #4B4E9B }
```

# Background

The CSS property to change the background color of an element to Hex 4B4E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4E9B }
```

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

```
.background{ background-color:#4B4E9B }
```

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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