

Converting Colors

Hex(4B49B4)

Have a look what the booklet for
Hex(4B49B4) contains.

Hex(4B49B4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B49B4)

Conversions

Conversions Part 1

Format	Color
Hex	4B49B4
RGB	75, 73, 180
RGB Percent	29%, 29%, 71%
CMY	0.7059, 0.7137, 0.2941
CMYK	0.58, 0.59, 0.00, 0.29
HSL	241°, 42%, 50%
HSV	241°, 59%, 71%
XYZ	13.5224, 9.5562, 44.3118
YIQ	85.7960, -33.1550, 33.7010

Conversions

Conversions Part 2

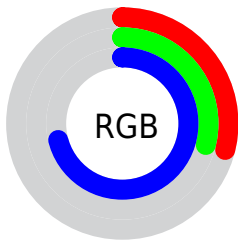
Format	Color
R_{YB}	75, 73, 180
Decimal	4934068
CIE _{Lab}	37.03, 32.43, -56.77
CIE _{LCh}	37, 65.382, 299.733
Yxy	9.5562, 0.2007, 0.1418
Android (android.graphics.Color)	4283124148 (0xFF4B49B4)
YUV	85.7960, 46.4426, -9.4681
Hunter-Lab	30.9132, 23.9837, -63.3489

Details

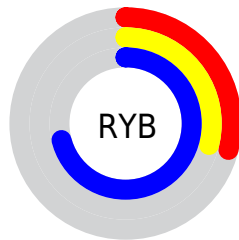
The Hex color **4B49B4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B2B449**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **857AED**, and **001D7E** is the 20% darker color. If you saturate the color by 10%, you get **3937B4**, and if you desaturate by 10%, it is **5D5BB4**.

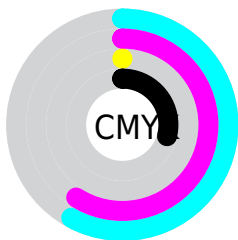
Distribution



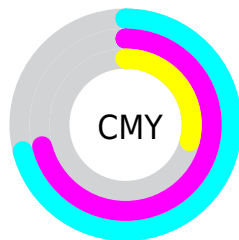
- Red (29%)
- Green (29%)
- Blue (71%)



- Red (29%)
- Yellow (29%)
- Blue (71%)



- Cyan (58%)
- Magenta (59%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (71%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B49B4 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 4B49B4 by changing the saturation by 10% instead.



4B49B4



4B49B4

FFFFFF



2B3299



857AED



001D7E



A294FF



000964



BFAEFF



00004C



DCCAFF



000434



FAE6FF



00021E



000000



4B49B4



4B49B4



3937B4



5D5BB4

■ 2825B4

■ 6E6DB4

■ 1613B4

■ 807FB4

■ 0401B4

■ 9291B4

■ 0300B4

■ A3A3B4

■ B5B5B4

■ C7C7B4

■ D8D9B4

■ EAEBB4

Harmonies

Analogous

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



005FC2



4B49B4



93268D

Triad

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



4B49B4



933E00



006D55

Complementary

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



4B49B4



B2B449

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.



006A1C



4B49B4



6C5500

Square

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



4B49B4



AC1827



366300



006D8A

Rectangle

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



4B49B4



A9016C



366300



006C43

Sweetspot

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



4B49B4



C1C0EB



49B2B4



5C5B75



F5F5F5



757575

Same Dimension

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



4B49B4



4744EB



8049B4



505059



030099



00001A

Inverse Universe

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



B449B2



EB44E7



7DB449



595059



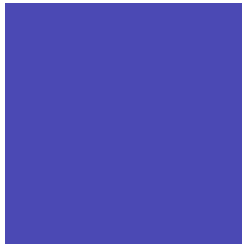
990096



1A0019

Previews

White Background



This preview shows how the Hex color 4B49B4 looks on a white background.

Color Contrast Check

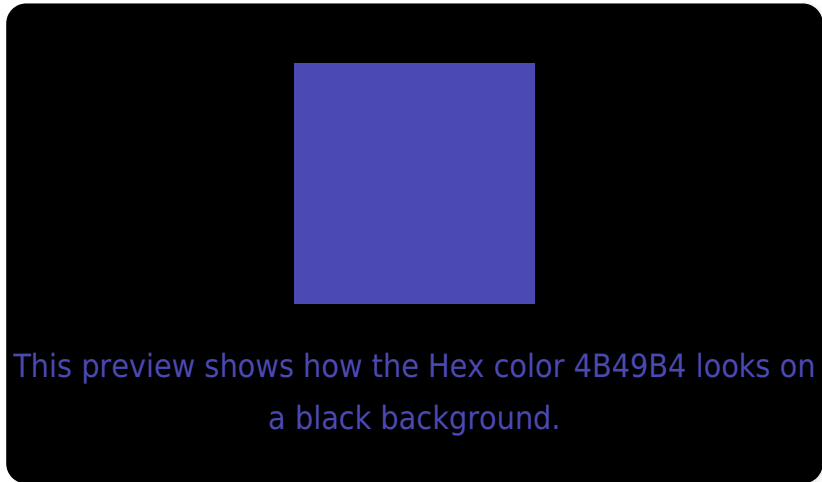
Large Text (above 18pt) WCAG AA ✓ Pass

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

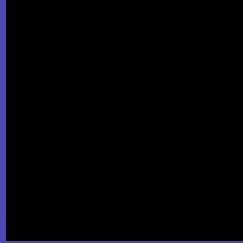
Any Text WCAG AA × Fail

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 4B49B4 Background



This preview shows how black text looks on a background with the Hex color 4B49B4.

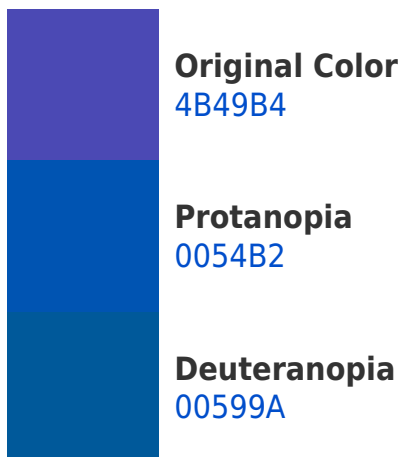



This preview shows how white text looks on a background with the Hex color 4B49B4.

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](#).

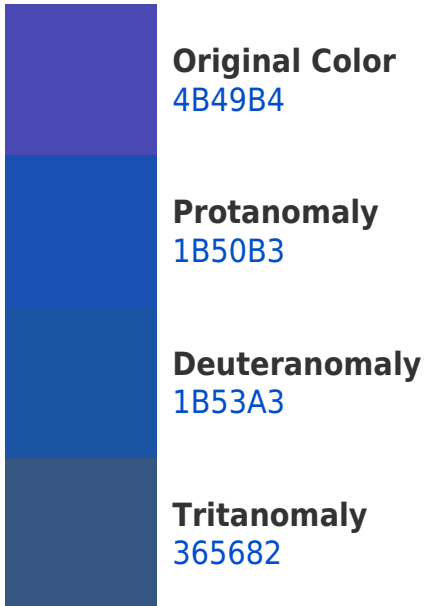
Dichromacy





Tritanopia
2A5E66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B49B4 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 #4B49B4 looks like.

```
.text, #text, p{  
    color:#4B49B4  
}
```

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 #4B49B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B49B4
}
```

Border

The CSS property to change the border of an element to Hex 4B49B4 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
#4B49B4 }
```

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

```
.border{ border-color:#4B49B4 }
```

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

Here you see how a box with a 4 pixel #4B49B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B49B4; -webkit-box-shadow:4px 4px  
4px 4px #4B49B4; box-shadow:4px 4px 4px  
4px #4B49B4 }
```

Background

The CSS property to change the background color of an element to Hex 4B49B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B49B4 }
```

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

```
.background{ background-color:#4B49B4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor