

Converting Colors

Hex(4B49C4)

Have a look what the booklet for
Hex(4B49C4) contains.

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Color

Hex(4B49C4)

Conversions

Conversions Part 1

Format	Color
Hex	4B49C4
RGB	75, 73, 196
RGB Percent	29%, 29%, 77%
CMY	0.7059, 0.7137, 0.2314
CMYK	0.62, 0.63, 0.00, 0.23
HSL	241°, 51%, 53%
HSV	241°, 63%, 77%
XYZ	15.2480, 10.2465, 53.3987
YIQ	87.6200, -38.2910, 38.6770

Conversions

Conversions Part 2

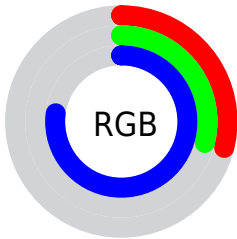
Format	Color
R_{YB}	75, 73, 196
Decimal	4934084
CIE _{Lab}	38.28, 37.71, -64.13
CIE _{LCh}	38, 74.398, 300.457
Yxy	10.2465, 0.1933, 0.1299
Android (android.graphics.Color)	4283124164 (0xFF4B49C4)
YUV	87.6200, 53.4313, -11.0677
Hunter-Lab	32.0101, 29.0107, -76.4994

Details

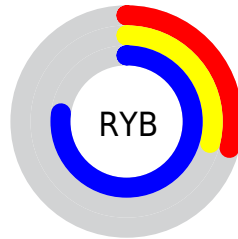
The Hex color **4B49C4** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **C2C449**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **877AFE**, and **001D8D** is the 20% darker color. If you saturate the color by 10%, you get **3835C4**, and if you desaturate by 10%, it is **5E5DC4**.

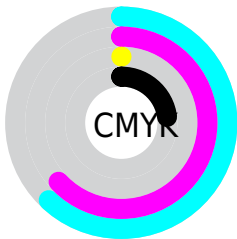
Distribution



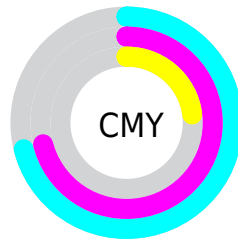
- Red (29%)
- Green (29%)
- Blue (77%)



- Red (29%)
- Yellow (29%)
- Blue (77%)



- Cyan (62%)
- Magenta (63%)
- Yellow (0%)
- Black (23%)



- Cyan (71%)
- Magenta (71%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B49C4 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 4B49C4 by changing the saturation by 10% instead.



4B49C4



4B49C4

FFFFFF



2732A8



877AFE



001D8D



A594FF



000973



C2AFFF



000059



E0CAFF



000741



FFE7FF



00032A



000114



000000



4B49C4



4B49C4

■ 3835C4

■ 5E5DC4

■ 2422C4

■ 7270C4

■ 110EC4

■ 8584C4

■ 0300C4

■ 9897C4

■ ABABC4

■ BFBFC4

■ D2D2C4

■ E5E6C4

■ F9F9C4

Harmonies

Analogous

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



0063D5



4B49C4



A01797

Triad

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



4B49C4



9C3D00



007259

Complementary

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



4B49C4



C2C449

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.



006F15



4B49C4



6E5800

Square

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



4B49C4



B90021



2F6700



007296

Rectangle

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



4B49C4



B80070



2F6700



007144

Sweetspot

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



4B49C4



CFCFFF



49C4C4



636280



000000



808080

Same Dimension

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



4B49C4



4340FF



8749C4



575761



0300A1



010021

Inverse Universe

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



C449C2



FF40FC



87C449



615761



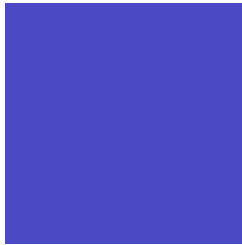
A1009E



210021

Previews

White Background



This preview shows how the Hex color 4B49C4 looks on a white background.

Color Contrast Check

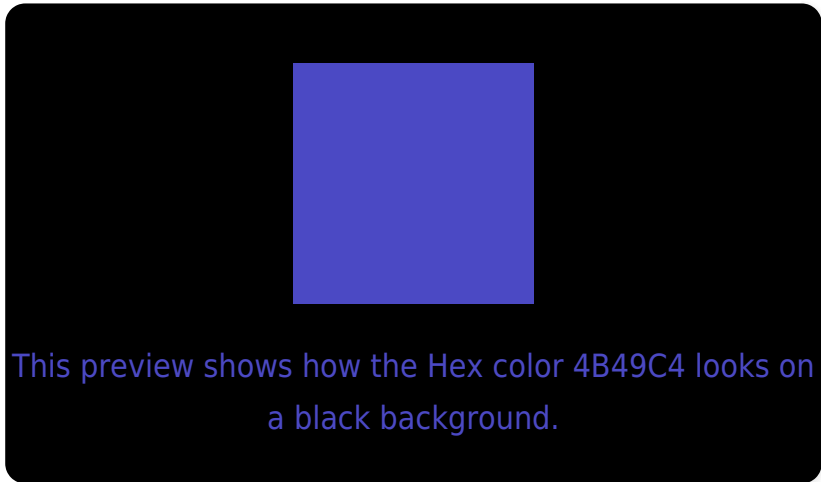
Large Text (above 18pt) WCAG AA ✓ Pass

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

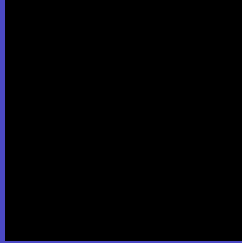
Any Text WCAG AA × Fail

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 4B49C4 Background



This preview shows how black text looks on a background with the Hex color 4B49C4.



This preview shows how white text looks on a background with the Hex color 4B49C4.

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



Original Color
4B49C4

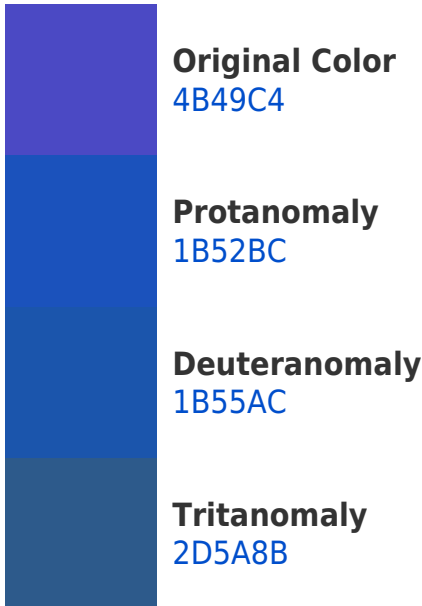
Protanopia
0057B7

Deuteranopia
005C9E



Tritanopia
1C636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B49C4 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 #4B49C4 looks like.

```
.text, #text, p{  
    color:#4B49C4  
}
```

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 #4B49C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B49C4
}
```

Border

The CSS property to change the border of an element to Hex 4B49C4 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
#4B49C4 }
```

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

```
.border{ border-color:#4B49C4 }
```

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

Here you see how a box with a 4 pixel #4B49C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B49C4; -webkit-box-shadow:4px 4px  
4px 4px #4B49C4; box-shadow:4px 4px 4px  
4px #4B49C4 }
```

Background

The CSS property to change the background color of an element to Hex 4B49C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B49C4 }
```

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

```
.background{ background-color:#4B49C4 }
```

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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