

Converting Colors

Hex(4F4A9E)

Have a look what the booklet for
Hex(4F4A9E) contains.

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Color

Hex(4F4A9E)

Conversions

Conversions Part 1

Format	Color
Hex	4F4A9E
RGB	79, 74, 158
RGB Percent	31%, 29%, 62%
CMY	0.6902, 0.7098, 0.3804
CMYK	0.50, 0.53, 0.00, 0.38
HSL	244°, 36%, 45%
HSV	244°, 53%, 62%
XYZ	11.8448, 9.0284, 33.4661
YIQ	85.0710, -23.9840, 27.1840

Conversions

Conversions Part 2

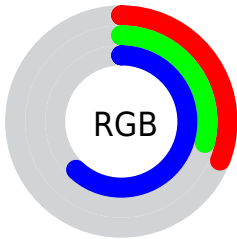
Format	Color
R_{YB}	79, 74, 158
Decimal	5196446
CIE _{Lab}	36.04, 25.44, -45.25
CIE _{LCh}	36, 51.911, 299.346
Yxy	9.0284, 0.2180, 0.1661
Android (android.graphics.Color)	4283386526 (0xFF4F4A9E)
YUV	85.0710, 35.9540, -5.3243
Hunter-Lab	30.0474, 17.7825, -45.0028

Details

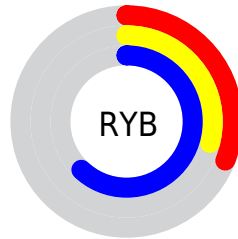
The Hex color **4F4A9E** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **999E4A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **857BD5**, and **131E6A** is the 20% darker color. If you saturate the color by 10%, you get **403A9E**, and if you desaturate by 10%, it is **5E5A9E**.

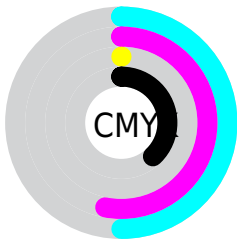
Distribution



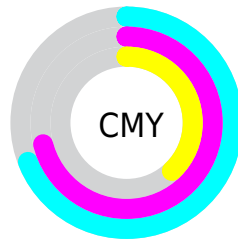
- Red (31%)
- Green (29%)
- Blue (62%)



- Red (31%)
- Yellow (29%)
- Blue (62%)



- Cyan (50%)
- Magenta (53%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (71%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F4A9E 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 4F4A9E by changing the saturation by 10% instead.

■ 4F4A9E

■ 4F4A9E

FFFFFF

■ 333383

■ 857BD5

■ 131E6A

■ A195F2

■ 000A51

■ BDAFFF

■ 000039

■ DACBFF

■ 000223

■ F7E7FF

■ 00000A

■ 000000

■ 4F4A9E

■ 4F4A9E

■ 403A9E

■ 5E5A9E

■ 312A9E

■ 6D6A9E

■ 221B9E

■ 7C799E

■ 140B9E

■ 8A899E

■ 09009E

■ 99999E

■ A8A99E

■ B7B99E

■ C6C89E

■ D5D89E

Harmonies

Analogous

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



005AA9



4F4A9E



853480

Triad

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



4F4A9E



874205



006753

Complementary

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



4F4A9E



999E4A

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.



006427



4F4A9E



685300

Square

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



4F4A9E



9B2D2F



3F5E00



00677D

Rectangle

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



4F4A9E



972865



3F5E00



006644

Sweetspot

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



4F4A9E



AFAECF



4A9A9E



565569



E8E8E8



696969

Same Dimension

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



4F4A9E



524ACF



784A9E



48474F



08008F



01000F

Inverse Universe

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



9E4A99



CF4AC7



709E4A



4F474F



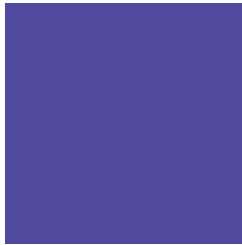
8F0086



0F000E

Previews

White Background



This preview shows how the Hex color 4F4A9E looks on a white background.

Color Contrast Check

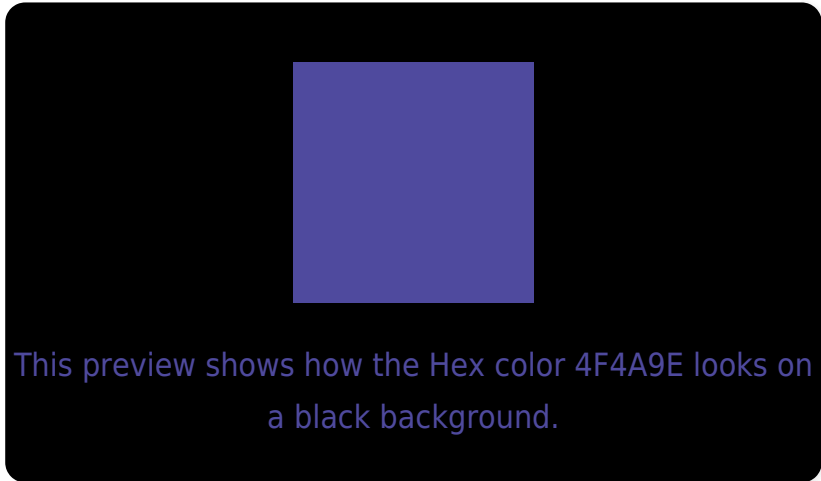
Large Text (above 18pt) WCAG AA ✓ Pass

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

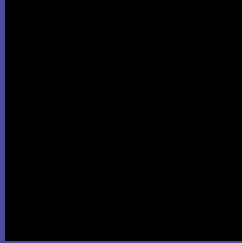
Any Text WCAG AA × Fail

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 4F4A9E Background



This preview shows how black text looks on a background with the Hex color 4F4A9E.

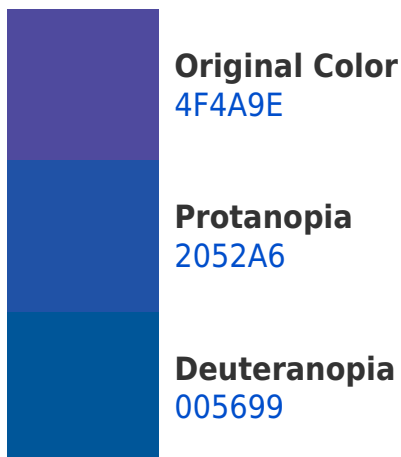



This preview shows how white text looks on a background with the Hex color 4F4A9E.

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](#).

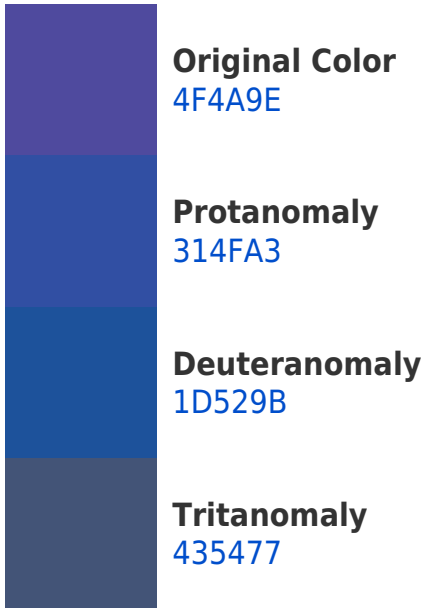
Dichromacy



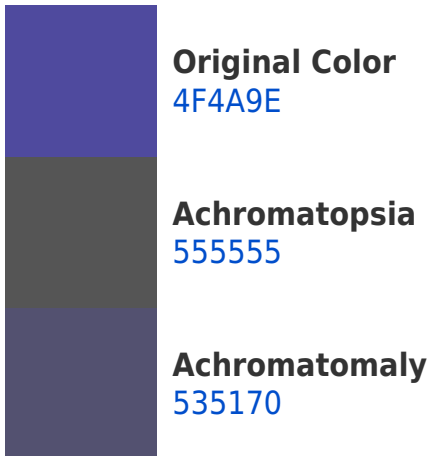


Tritanopia
3C5961

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F4A9E 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 #4F4A9E looks like.

```
.text, #text, p{  
    color:#4F4A9E  
}
```

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 #4F4A9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4A9E
}
```

Border

The CSS property to change the border of an element to Hex 4F4A9E 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".

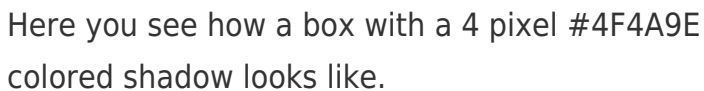
```
.border, #border, table{ border:4px solid
#4F4A9E }
```

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

```
.border{ border-color:#4F4A9E }
```

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

Here you see how a box with a 4 pixel #4F4A9E colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4A9E; -webkit-box-shadow:4px 4px  
4px 4px #4F4A9E; box-shadow:4px 4px 4px  
4px #4F4A9E }
```

Background

The CSS property to change the background color of an element to Hex 4F4A9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4A9E }
```

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

```
.background{ background-color:#4F4A9E }
```

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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