

Converting Colors

Hex(4F3F9D)

Have a look what the booklet for
Hex(4F3F9D) contains.

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Color

Hex(4F3F9D)

Conversions

Conversions Part 1

Format	Color
Hex	4F3F9D
RGB	79, 63, 157
RGB Percent	31%, 25%, 62%
CMY	0.6902, 0.7529, 0.3843
CMYK	0.50, 0.60, 0.00, 0.38
HSL	250°, 43%, 43%
HSV	250°, 60%, 62%
XYZ	11.0878, 7.6516, 32.7908
YIQ	78.5000, -20.6380, 32.6260

Conversions

Conversions Part 2

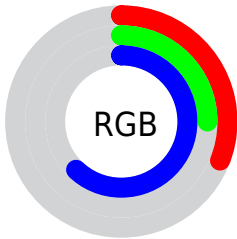
Format	Color
R_{YB}	79, 63, 157
Decimal	5193629
CIE _{Lab}	33.25, 32.04, -49.15
CIE _{LCh}	33, 58.671, 303.098
Yxy	7.6516, 0.2152, 0.1485
Android (android.graphics.Color)	4283383709 (0xFF4F3F9D)
YUV	78.5000, 38.7005, 0.4385
Hunter-Lab	27.6615, 23.1417, -50.9211

Details

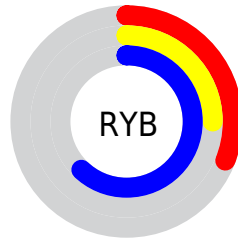
The Hex color **4F3F9D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8D9D3F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **866FD4**, and **111369** is the 20% darker color. If you saturate the color by 10%, you get **422F9D**, and if you desaturate by 10%, it is **5C4F9D**.

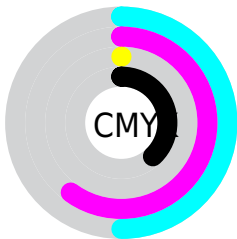
Distribution



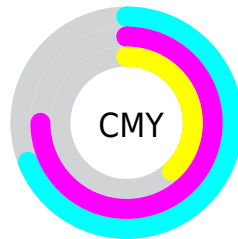
- Red (31%)
- Green (25%)
- Blue (62%)



- Red (31%)
- Yellow (25%)
- Blue (62%)



- Cyan (50%)
- Magenta (60%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (75%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F3F9D 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 4F3F9D by changing the saturation by 10% instead.

■ 4F3F9D

■ 4F3F9D

FFFFFF

■ 332882

■ 866FD4

■ 111369

■ A289F1

■ 000050

■ BEA3FF

■ 000338

■ DBBFFF

■ 000222

■ F8DBFF

■ 000007

■ FFF7FF

■ 000000

■ 4F3F9D

■ 4F3F9D

■ 422F9D

■ 5C4F9D

■ 35209D

■ 695E9D

■ 28109D

■ 766E9D

■ 1B009D

■ 837E9D

■ 908E9D

■ 9D9D9D

■ AAAD9D

■ B7BD9D

■ C4CC9D

Harmonies

Analogous

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



0053AC



4F3F9D



882179

Triad

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



4F3F9D



803B00



006152

Complementary

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



4F3F9D



8D9D3F

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.



005F20



4F3F9D



5C4E00

Square

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



4F3F9D



981E1E



2B5900



006180

Rectangle

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



4F3F9D



99075B



2B5900



006142

Sweetspot

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



4F3F9D



AEA7CC



3F8D9D



535066



E6E6E6



666666

Same Dimension

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



4F3F9D



5239CC



7E3F9D



48474F



18008F



03000F

Inverse Universe

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



9D3F8D



CC39B3



5E9D3F



4F474E



8F0076



0F000D

Previews

White Background



This preview shows how the Hex color 4F3F9D looks on a white background.

Color Contrast Check

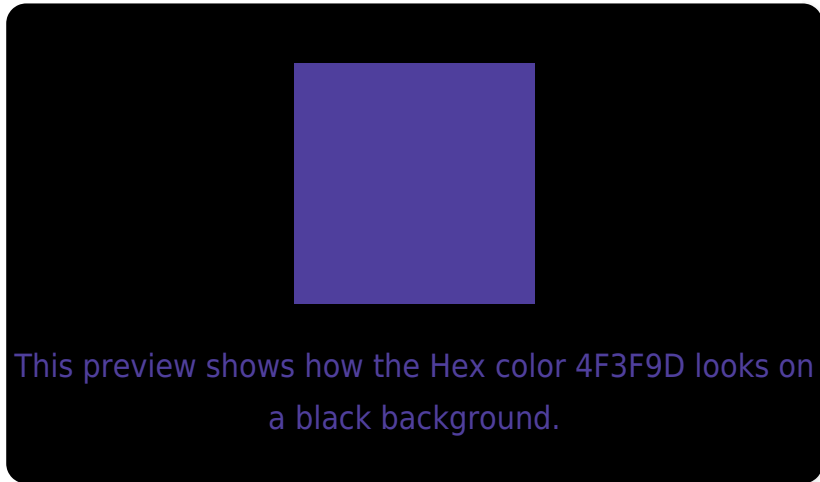
Large Text (above 18pt) WCAG AA ✓ Pass

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

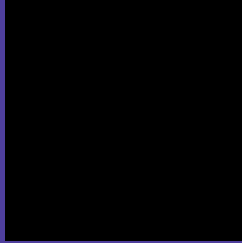
Any Text WCAG AA × Fail

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 4F3F9D Background



This preview shows how black text looks on a background with the Hex color 4F3F9D.

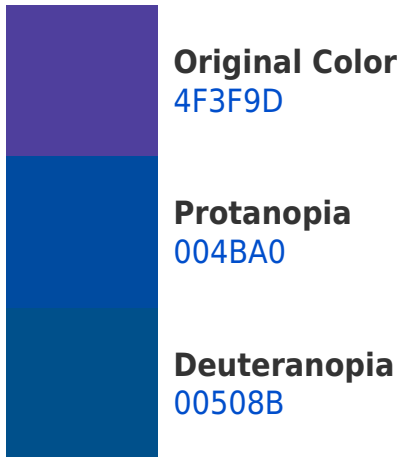


This preview shows how white text looks on a background with the Hex color 4F3F9D.

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
3B5259

Trichromacy



Original Color
4F3F9D

Protanomaly
1D479F

Deuteranomaly
1D4A92

Tritanomaly
424B72

Monochromacy



Original Color
4F3F9D

Achromatopsia
4F4F4F

Achromatomaly
4F496B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F3F9D 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 #4F3F9D looks like.

```
.text, #text, p{  
    color:#4F3F9D  
}
```

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 #4F3F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3F9D
}
```

Border

The CSS property to change the border of an element to Hex 4F3F9D 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
#4F3F9D }
```

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

```
.border{ border-color:#4F3F9D }
```

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

Here you see how a box with a 4 pixel #4F3F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3F9D; -webkit-box-shadow:4px 4px  
4px 4px #4F3F9D; box-shadow:4px 4px 4px  
4px #4F3F9D }
```

Background

The CSS property to change the background color of an element to Hex 4F3F9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3F9D }
```

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

```
.background{ background-color:#4F3F9D }
```

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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