

Converting Colors

Hex(4F3DAF)

Have a look what the booklet for
Hex(4F3DAF) contains.

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Color

Hex(4F3DAF)

Conversions

Conversions Part 1

Format	Color
Hex	4F3DAF
RGB	79, 61, 175
RGB Percent	31%, 24%, 69%
CMY	0.6902, 0.7608, 0.3137
CMYK	0.55, 0.65, 0.00, 0.31
HSL	249°, 48%, 46%
HSV	249°, 65%, 69%
XYZ	12.6311, 8.0949, 41.4542
YIQ	79.3780, -25.8660, 39.2700

Conversions

Conversions Part 2

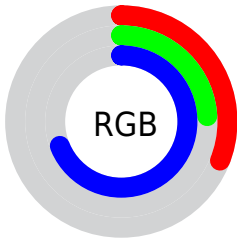
Format	Color
R _Y B	79, 61, 175
Decimal	5193135
CIE Lab	34.18, 38.86, -58.44
CIE LCh	34, 70.181, 303.625
Yxy	8.0949, 0.2031, 0.1302
Android (android.graphics.Color)	4283383215 (0xFF4F3DAF)
YUV	79.3780, 47.1416, -0.3315
Hunter-Lab	28.4515, 29.4549, -66.4701

Details

The Hex color **4F3DAF** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9DAF3D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **886EE7**, and **011079** is the 20% darker color. If you saturate the color by 10%, you get **402CAF**, and if you desaturate by 10%, it is **5E4FAF**.

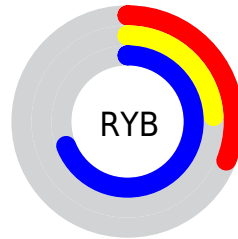
Distribution



Red (31%)

Green (24%)

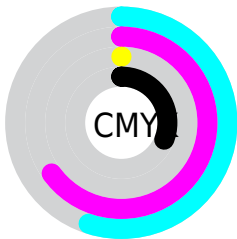
Blue (69%)



Red (31%)

Yellow (24%)

Blue (69%)

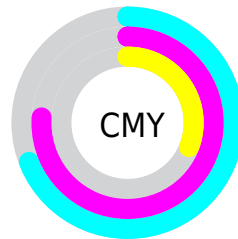


Cyan (55%)

Magenta (65%)

Yellow (0%)

Black (31%)



Cyan (69%)

Magenta (76%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F3DAF 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 4F3DAF by changing the saturation by 10% instead.

■ 4F3DAF

■ 4F3DAF

FFFFFF

■ 302694

■ 886EE7

■ 011079

■ A587FF

■ 000060

■ C2A2FF

■ 000047

■ DFBDFE

■ 000430

■ FDD9FF

■ 00011A

■ FFF6FF

■ 000000

■ 4F3DAF

■ 4F3DAF

■ 402CAF

■ 5E4FAF

■ 321AAF

■ 6C60AF

■ 2309AF

■ 7B72AF

■ 1C00AF

■ 8A83AF

■ 9995AF

■ A7A6AF

■ B6B8AF

■ C5C9AF

■ D4DBAF

Harmonies

Analogous

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



0057C2



4F3DAF



950383

Triad

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



4F3DAF



893800



006656

Complementary

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



4F3DAF



9DAF3D

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.



006418



4F3DAF



5D5100

Square

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



4F3DAF



A60016



1E5E00



00668E

Rectangle

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



4F3DAF



A9005F



1E5E00



006542

Sweetspot

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



4F3DAF



BDB6E3



3D9EAF



5C5773



F2F2F2



737373

Same Dimension

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



4F3DAF



4E32E3



873DAF



4F4E57



180096



040017

Inverse Universe

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



AF3D9D



E332C7



65AF3D



574E55



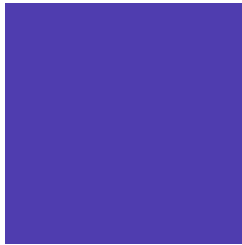
96007F



170013

Previews

White Background



This preview shows how the Hex color 4F3DAF looks on a white background.

Color Contrast Check

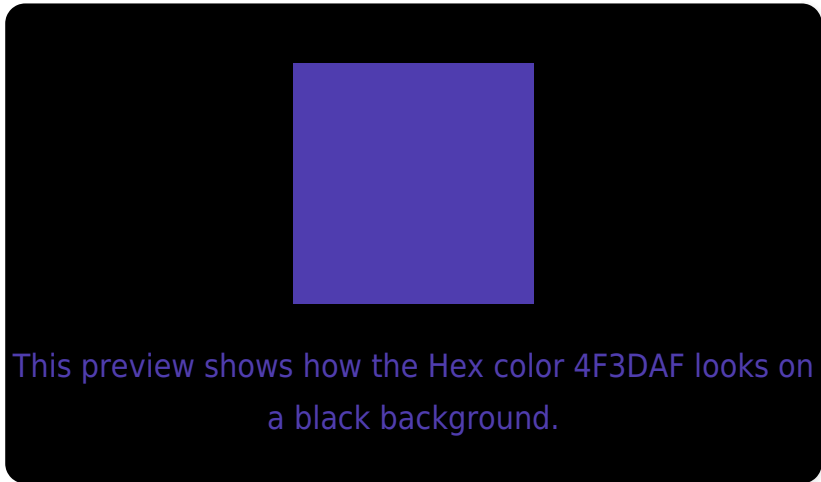
Large Text (above 18pt) WCAG AA ✓ Pass

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

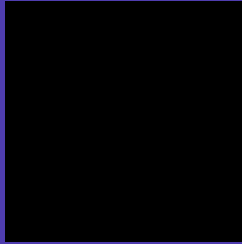
Any Text WCAG AA × Fail

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 4F3DAF Background



This preview shows how black text looks on a background with the Hex color 4F3DAF.

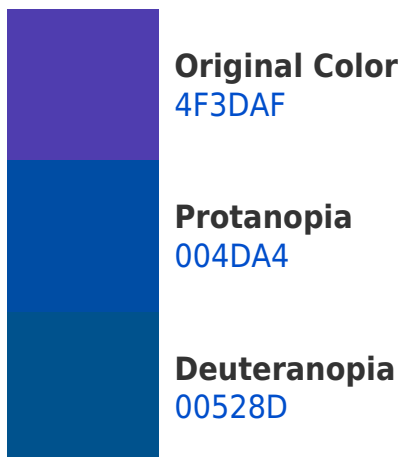


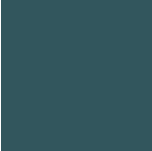
This preview shows how white text looks on a background with the Hex color 4F3DAF.

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
32565D

Trichromacy



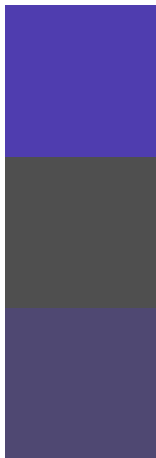
Original Color
4F3DAF

Protanomaly
1D47A8

Deuteranomaly
1D4A99

Tritanomaly
3D4D7B

Monochromacy



Original Color
4F3DAF

Achromatopsia
4F4F4F

Achromatomaly
4F4872

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F3DAF 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 #4F3DAF looks like.

```
.text, #text, p{  
    color:#4F3DAF  
}
```

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 #4F3DAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3DAF
}
```

Border

The CSS property to change the border of an element to Hex 4F3DAF 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
#4F3DAF }
```

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

```
.border{ border-color:#4F3DAF }
```

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

Here you see how a box with a 4 pixel #4F3DAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3DAF; -webkit-box-shadow:4px 4px  
4px 4px #4F3DAF; box-shadow:4px 4px 4px  
4px #4F3DAF }
```

Background

The CSS property to change the background color of an element to Hex 4F3DAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3DAF }
```

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

```
.background{ background-color:#4F3DAF }
```

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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