

Converting Colors

Hex(4F4AC0)

Have a look what the booklet for
Hex(4F4AC0) contains.

Hex(4F4AC0)	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>	28

Color

Hex(4F4AC0)

Conversions

Conversions Part 1

Format	Color
Hex	4F4AC0
RGB	79, 74, 192
RGB Percent	31%, 29%, 75%
CMY	0.6902, 0.7098, 0.2471
CMYK	0.59, 0.61, 0.00, 0.25
HSL	243°, 48%, 52%
HSV	243°, 61%, 75%
XYZ	15.1877, 10.3656, 51.0695
YIQ	88.9470, -34.8980, 37.7580

Conversions

Conversions Part 2

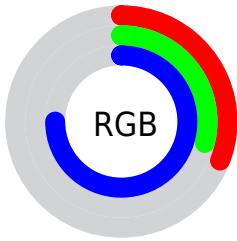
Format	Color
R _Y B	79, 74, 192
Decimal	5196480
CIE Lab	38.49, 36.45, -61.44
CIE LCh	38, 71.441, 300.678
Yxy	10.3656, 0.1982, 0.1353
Android (android.graphics.Color)	4283386560 (0xFF4F4AC0)
YUV	88.9470, 50.8051, -8.7235
Hunter-Lab	32.1956, 27.8615, -71.5102

Details

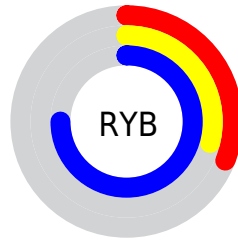
The Hex color **4F4AC0** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **BBC04A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8A7BF9**, and **001D89** is the 20% darker color. If you saturate the color by 10%, you get **3D37C0**, and if you desaturate by 10%, it is **615DC0**.

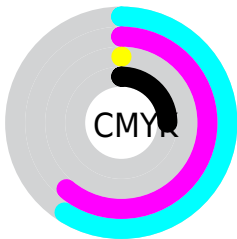
Distribution



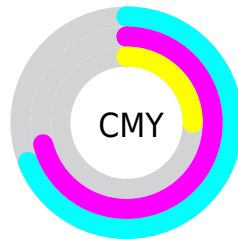
- Red (31%)
- Green (29%)
- Blue (75%)



- Red (31%)
- Yellow (29%)
- Blue (75%)



- Cyan (59%)
- Magenta (61%)
- Yellow (0%)
- Black (25%)



- Cyan (69%)
- Magenta (71%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F4AC0 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 4F4AC0 by changing the saturation by 10% instead.

■ 4F4AC0

■ 4F4AC0

FFFFFF

■ 2E33A4

■ 8A7BF9

■ 001D89

■ A795FF

■ 00096F

■ C5B0FF

■ 000056

■ E2CCFF

■ 00063E

■ FFE8FF

■ 000327

■ 000110

■ 000000

■ 4F4AC0

■ 4F4AC0

■ 3D37C0

■ 615DC0

■ 2A24C0

■ 7470C0

■ 1810C0

■ 8684C0

■ 0800C0

■ 9997C0

■ ABAAC0

■ BDBDC0

■ D0D0C0

■ E2E4C0

■ F4F7C0

Harmonies

Analogous

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



0063D1



4F4AC0



9E1E94

Triad

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



4F4AC0



9A3F00



00725A

Complementary

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



4F4AC0



BBC04A

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.



006F1A



4F4AC0



6E5900

Square

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



4F4AC0



B60C24



326700



007295

Rectangle

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



4F4AC0



B5006F



326700



007146

Sweetspot

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



4F4AC0



CFCDF4



4ABCC0



63617D



FCFCFC



7D7D7D

Same Dimension

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



4F4AC0



4941FA



894AC0



585761



0700A1



010021

Inverse Universe

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



C04ABB



FA41F2



81C04A



615760



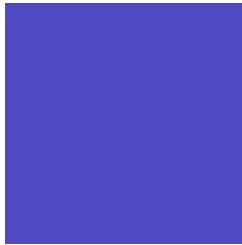
A1009A



210020

Previews

White Background



This preview shows how the Hex color 4F4AC0 looks on a white background.

Color Contrast Check

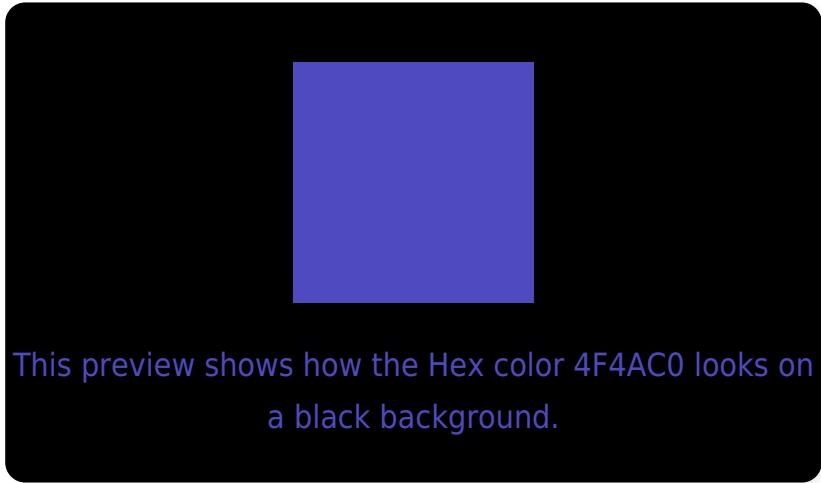
Large Text (above 18pt) WCAG AA ✓ Pass

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

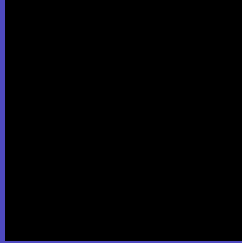
Any Text WCAG AA × Fail

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 4F4AC0 Background



This preview shows how black text looks on a background with the Hex color 4F4AC0.



This preview shows how white text looks on a background with the Hex color 4F4AC0.

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



Trichromacy



Original Color
4F4AC0

Protanomaly
1D52BC

Tritanomaly
375989

Monochromacy



Original Color
4F4AC0

Achromatopsia
595959

Achromatomaly
55547E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F4AC0 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 #4F4AC0 looks like.

```
.text, #text, p{  
    color:#4F4AC0  
}
```

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 #4F4AC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4AC0
}
```

Border

The CSS property to change the border of an element to Hex 4F4AC0 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
#4F4AC0 }
```

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

```
.border{ border-color:#4F4AC0 }
```

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

Here you see how a box with a 4 pixel #4F4AC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4AC0; -webkit-box-shadow:4px 4px  
4px 4px #4F4AC0; box-shadow:4px 4px 4px  
4px #4F4AC0 }
```

Background

The CSS property to change the background color of an element to Hex 4F4AC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4AC0 }
```

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

```
.background{ background-color:#4F4AC0 }
```

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