

Converting Colors

Hex(4A4AC6)

Have a look what the booklet for
Hex(4A4AC6) contains.

Hex(4A4AC6)	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>	29

Color

Hex(4A4AC6)

Conversions

Conversions Part 1

Format	Color
Hex	4A4AC6
RGB	74, 74, 198
RGB Percent	29%, 29%, 78%
CMY	0.7098, 0.7098, 0.2235
CMYK	0.63, 0.63, 0.00, 0.22
HSL	240°, 52%, 53%
HSV	240°, 63%, 78%
XYZ	15.4659, 10.4306, 54.6243
YIQ	88.1360, -39.8040, 38.5640

Conversions

Conversions Part 2

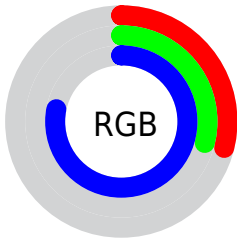
Format	Color
R_{YB}	74, 74, 198
Decimal	4868806
CIE _{Lab}	38.60, 37.61, -64.77
CIE _{LCh}	39, 74.897, 300.139
Yxy	10.4306, 0.1921, 0.1295
Android (android.graphics.Color)	4283058886 (0xFF4A4AC6)
YUV	88.1360, 54.1630, -12.3973
Hunter-Lab	32.2965, 28.9597, -77.6719

Details

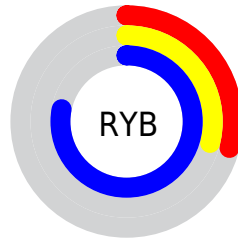
The Hex color **4A4AC6** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **C6C64A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **877BFF**, and **001E8F** is the 20% darker color. If you saturate the color by 10%, you get **3636C6**, and if you desaturate by 10%, it is **5E5EC6**.

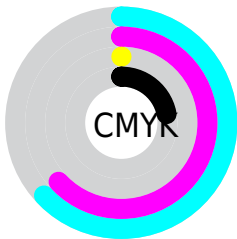
Distribution



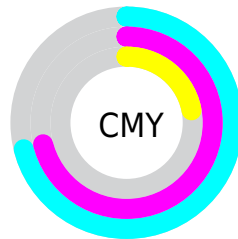
- Red (29%)
- Green (29%)
- Blue (78%)



- Red (29%)
- Yellow (29%)
- Blue (78%)



- Cyan (63%)
- Magenta (63%)
- Yellow (0%)
- Black (22%)



- Cyan (71%)
- Magenta (71%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4AC6 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 4A4AC6 by changing the saturation by 10% instead.

■ 4A4AC6

■ 4A4AC6

FFFFFF

■ 2533AA

■ 877BFF

■ 001E8F

■ A495FF

■ 000A75

■ C2B0FF

■ 00005B

■ E0CBFF

■ 000743

■ FEE8FF

■ 00032B

■ 000116

■ 000000

■ 4A4AC6

■ 4A4AC6

■ 3636C6

■ 5E5EC6

■ 2222C6

■ 7272C6

■ 0F0FC6

■ 8585C6

■ 0000C6

■ 9999C6

■ ADADC6

■ C1C1C6

■ D5D5C6

■ E8E8C6

■ FCFCC6

Harmonies

Analogous

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



0064D7



4A4AC6



A01899

Triad

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



4A4AC6



9D3D00



00735A

Complementary

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



4A4AC6



C6C64A

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



4A4AC6



6F5900

Square

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



4A4AC6



BA0022



306800



007397

Rectangle

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



4A4AC6



B90072



306800



007244

Sweetspot

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



4A4AC6



CFCFFF



4AC6C6



626280



000000



808080

Same Dimension

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



4A4AC6



4040FF



884AC6



5A5A63



0000A3



000024

Inverse Universe

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



C64AC6



FF40FF



88C64A



635A63



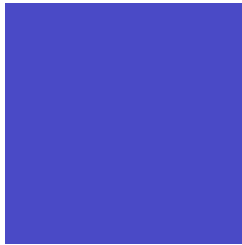
A300A3



240024

Previews

White Background



This preview shows how the Hex color 4A4AC6 looks on a white background.

Color Contrast Check

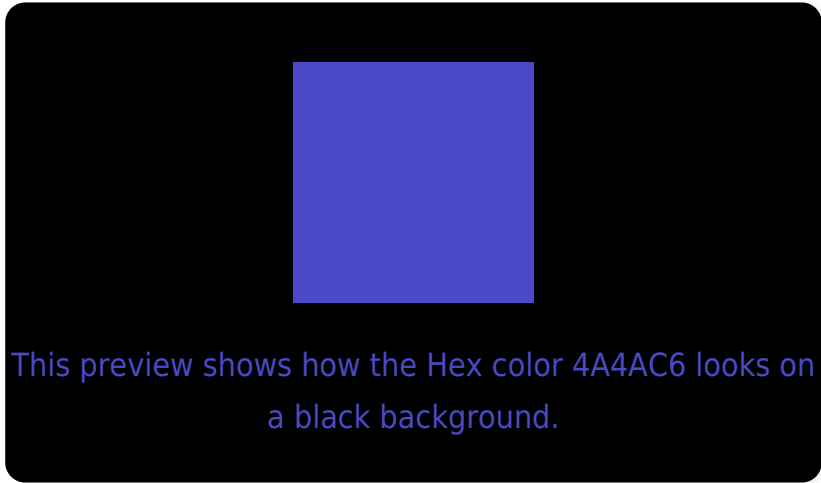
Large Text (above 18pt) WCAG AA ✓ Pass

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

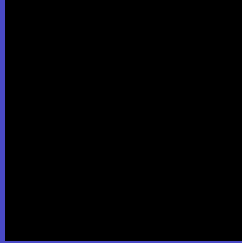
Any Text WCAG AA × Fail

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 4A4AC6 Background



This preview shows how black text looks on a background with the Hex color 4A4AC6.

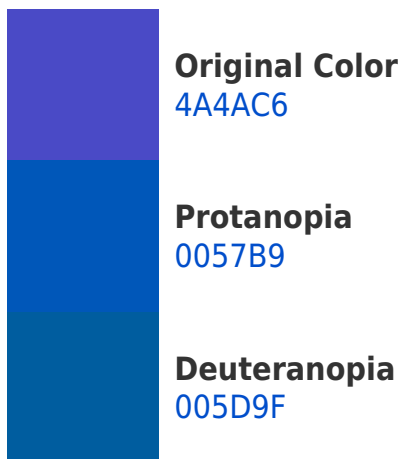


This preview shows how white text looks on a background with the Hex color 4A4AC6.

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](#).

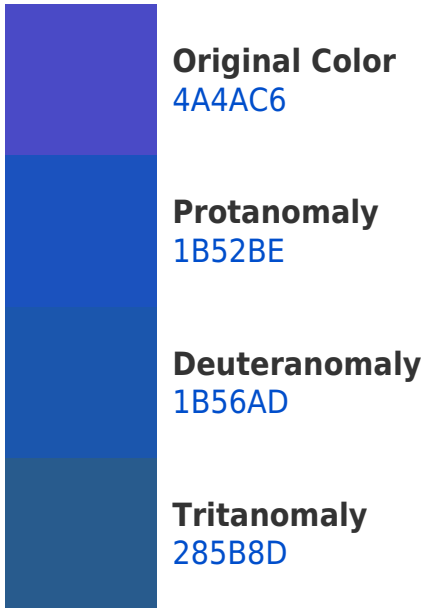
Dichromacy



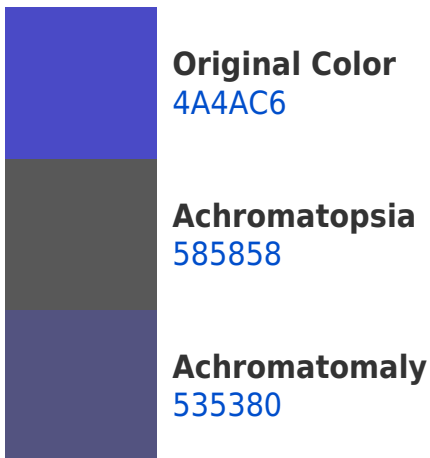


Tritanopia
15646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4AC6 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 #4A4AC6 looks like.

```
.text, #text, p{  
    color:#4A4AC6  
}
```

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 #4A4AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4AC6
}
```

Border

The CSS property to change the border of an element to Hex 4A4AC6 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
#4A4AC6 }
```

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

```
.border{ border-color:#4A4AC6 }
```

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

Here you see how a box with a 4 pixel #4A4AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4AC6; -webkit-box-shadow:4px 4px  
4px 4px #4A4AC6; box-shadow:4px 4px 4px  
4px #4A4AC6 }
```

Background

The CSS property to change the background color of an element to Hex 4A4AC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4AC6 }
```

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

```
.background{ background-color:#4A4AC6 }
```

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