

Converting Colors

Hex(4A50A9)

Have a look what the booklet for
Hex(4A50A9) contains.

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Color

Hex(4A50A9)

Conversions

Conversions Part 1

Format	Color
Hex	4A50A9
RGB	74, 80, 169
RGB Percent	29%, 31%, 66%
CMY	0.7098, 0.6863, 0.3373
CMYK	0.56, 0.53, 0.00, 0.34
HSL	236°, 39%, 48%
HSV	236°, 56%, 66%
XYZ	12.8541, 10.0577, 38.8000
YIQ	88.3520, -32.1450, 26.4070

Conversions

Conversions Part 2

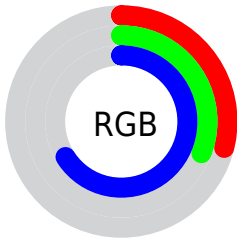
Format	Color
R_{YB}	74, 80, 169
Decimal	4870313
CIE _{Lab}	37.95, 24.12, -48.78
CIE _{LCh}	38, 54.421, 296.312
Yxy	10.0577, 0.2083, 0.1630
Android (android.graphics.Color)	4283060393 (0xFF4A50A9)
YUV	88.3520, 39.7595, -12.5867
Hunter-Lab	31.7139, 16.8493, -50.3377

Details

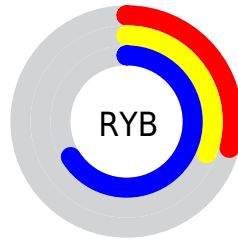
The Hex color **4A50A9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A9A34A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8281E1**, and **002474** is the 20% darker color. If you saturate the color by 10%, you get **3940A9**, and if you desaturate by 10%, it is **5B60A9**.

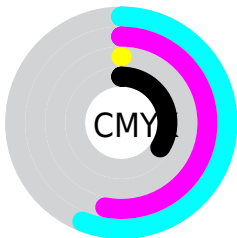
Distribution



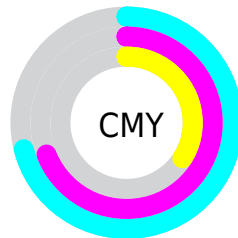
- Red (29%)
- Green (31%)
- Blue (66%)



- Red (29%)
- Yellow (31%)
- Blue (66%)



- Cyan (56%)
- Magenta (53%)
- Yellow (0%)
- Black (34%)



- Cyan (71%)
- Magenta (69%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A50A9 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 4A50A9 by changing the saturation by 10% instead.

■ 4A50A9

■ 4A50A9

FFFFFF

■ 2C398E

■ 8281E1

■ 002474

■ 9E9BFE

■ 00115B

■ BBB6FF

■ 000043

■ D8D2FF

■ 00032C

■ F5EEFF

■ 000116

■ 000000

■ 4A50A9

■ 4A50A9

■ 3940A9

■ 5B60A9

■ 2830A9

■ 6C70A9

■ 1721A9

■ 7D7FA9

■ 0611A9

■ 8E8FA9

■ 000BA9

■ 9E9FA9

■ AFafa9

■ C0BFA9

■ D1CFA9

■ E2DEA9

Harmonies

Analogous

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



0060B2



4A50A9



88398B

Triad

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



4A50A9



914309



006C52

Complementary

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



4A50A9



A9A34A

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.



006924



4A50A9



715600

Square

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



4A50A9



A42D35



476200



006D7F

Rectangle

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



4A50A9



9D2B6F



476200



006C43

Sweetspot

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



4A50A9



B6B8DB



4AA9A3



58596E



EDEDED



6E6E6E

Same Dimension

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



4A50A9



4852DB



734AA9



4C4C54



000994



000114

Inverse Universe

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



A94A50



DB4852



80A94A



544C4C



940009



140001

Previews

White Background



This preview shows how the Hex color 4A50A9 looks on a white background.

Color Contrast Check

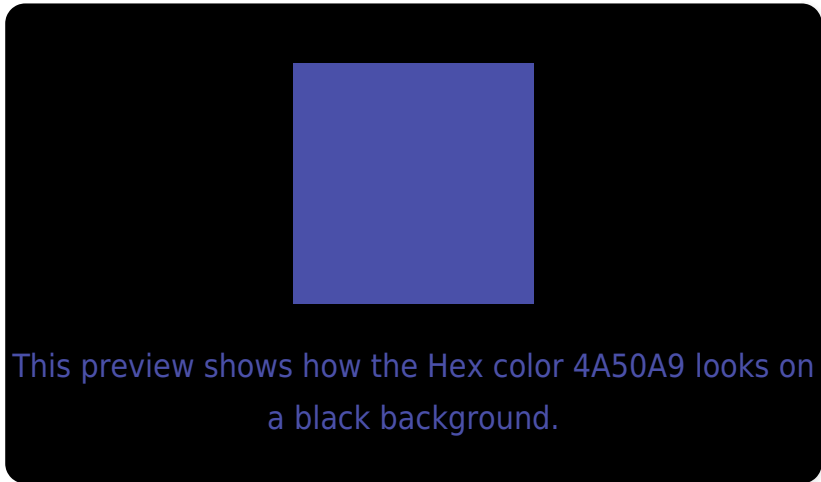
Large Text (above 18pt) WCAG AA ✓ Pass

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

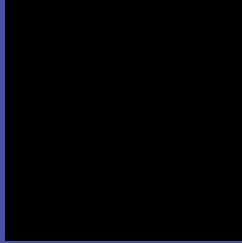
Any Text WCAG AA × Fail

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 4A50A9 Background



This preview shows how black text looks on a background with the Hex color 4A50A9.

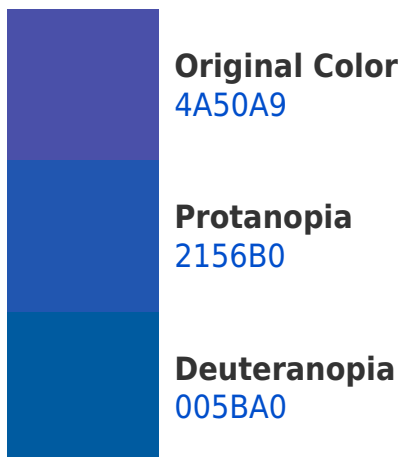



This preview shows how white text looks on a background with the Hex color 4A50A9.

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
316068

Trichromacy



Original Color
4A50A9

Protanomaly
3054AD

Deuteranomaly
1B57A3

Tritanomaly
3A5A80

Monochromacy



Original Color
4A50A9

Achromatopsia
585858

Achromatomaly
535575

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A50A9 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 #4A50A9 looks like.

```
.text, #text, p{  
    color:#4A50A9  
}
```

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 #4A50A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A50A9
}
```

Border

The CSS property to change the border of an element to Hex 4A50A9 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
#4A50A9 }
```

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

```
.border{ border-color:#4A50A9 }
```

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

Here you see how a box with a 4 pixel #4A50A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A50A9; -webkit-box-shadow:4px 4px  
4px 4px #4A50A9; box-shadow:4px 4px 4px  
4px #4A50A9 }
```

Background

The CSS property to change the background color of an element to Hex 4A50A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A50A9 }
```

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

```
.background{ background-color:#4A50A9 }
```

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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