

Converting Colors

Hex(4A0AC1)

Have a look what the booklet for
Hex(4A0AC1) contains.

Hex(4A0AC1)	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(4A0AC1)

Conversions

Conversions Part 1

Format	Color
Hex	4A0AC1
RGB	74, 10, 193
RGB Percent	29%, 4%, 76%
CMY	0.7098, 0.9608, 0.2431
CMYK	0.62, 0.95, 0.00, 0.24
HSL	261°, 90%, 40%
HSV	261°, 95%, 76%
XYZ	12.5582, 5.5232, 50.8563
YIQ	49.9980, -20.5990, 70.4810

Conversions

Conversions Part 2

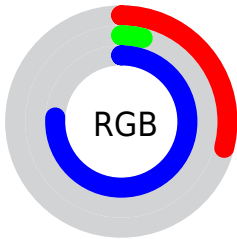
Format	Color
R_{YB}	74, 10, 193
Decimal	4852417
CIE _{Lab}	28.18, 64.25, -79.01
CIE _{LCh}	28, 101.836, 309.117
Yxy	5.5232, 0.1822, 0.0801
Android (android.graphics.Color)	4283042497 (0xFF4A0AC1)
YUV	49.9980, 70.5000, 21.0498
Hunter-Lab	23.5015, 54.2556, -111.8503

Details

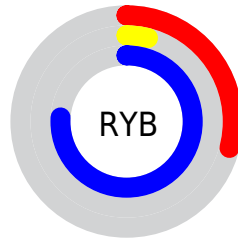
The Hex color **4A0AC1** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **81C10A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **8A48FB**, and **00008A** is the 20% darker color. If you saturate the color by 10%, you get **4300C1**, and if you desaturate by 10%, it is **571DC1**.

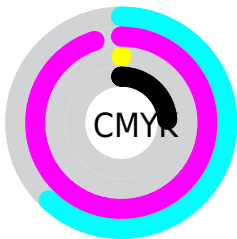
Distribution



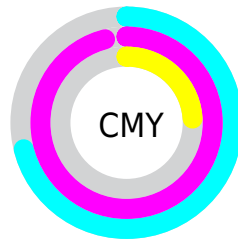
- Red (29%)
- Green (4%)
- Blue (76%)



- Red (29%)
- Yellow (4%)
- Blue (76%)



- Cyan (62%)
- Magenta (95%)
- Yellow (0%)
- Black (24%)



- Cyan (71%)
- Magenta (96%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A0AC1 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 4A0AC1 by changing the saturation by 10% instead.

4A0AC1

4A0AC1

FFFFFF

2200A5

8A48FB

00008A

A862FF

00006F

C67DFF

000256

E599FF

00063D

FFB5FF

000327

FFD1FF

000110

FFEEFF

000000

4A0AC1

4A0AC1

■ 4300C1

■ 571DC1

■ 6331C1

■ 7044C1

■ 7C57C1

■ 896AC1

■ 957EC1

■ A291C1

■ AEA4C1

■ BBB8C1

Harmonies

Analogous

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



004BE5



4A0AC1



A8007C

Triad

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



4A0AC1



7C2400



005A5A

Complementary

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



4A0AC1



81C10A

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.



005800



4A0AC1



3C4800

Square

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



4A0AC1



A90000



005400



005DA7

Rectangle

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



4A0AC1



BB0049



005400



005A3E

Sweetspot

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



4A0AC1



CCB4FA



0A84C1



61527D



FCFCFC



7D7D7D

Same Dimension

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



4A0AC1



5700FA



A30AC1



5B5761



3800A1



0C0021

Inverse Universe

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



C10A81



FA00A3



28C10A



61575E



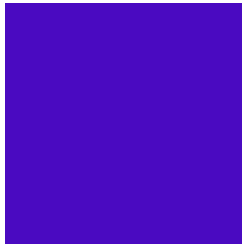
A10068



210016

Previews

White Background



This preview shows how the Hex color 4A0AC1 looks on a white background.

Color Contrast Check

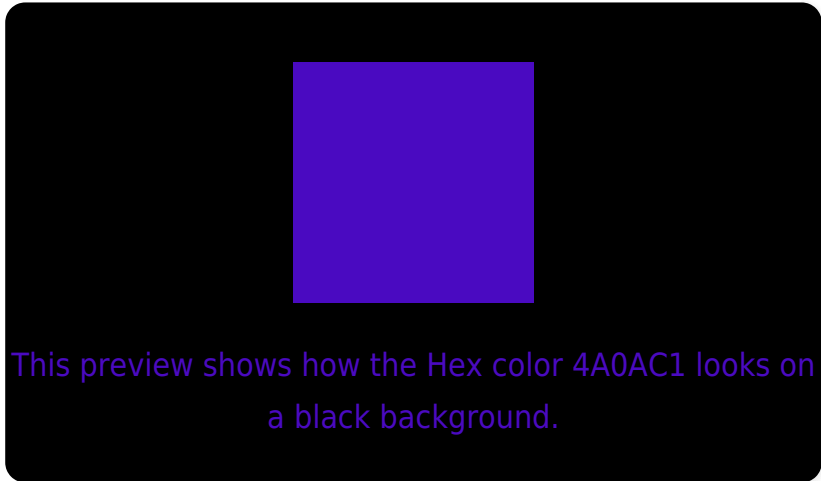
Large Text (above 18pt) WCAG AA ✓ Pass

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

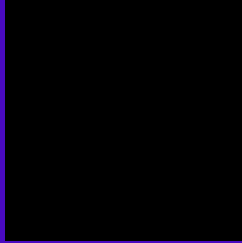
Any Text WCAG AA × Fail

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 4A0AC1 Background



This preview shows how black text looks on a background with the Hex color 4A0AC1.



This preview shows how white text looks on a background with the Hex color 4A0AC1.

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



Original Color
4A0AC1

Protanopia
004189

Deuteranopia
004675



Tritanopia
004B51

Trichromacy



Original Color
4A0AC1

Protanomaly
1B2D9D

Deuteranomaly
1B3091

Tritanomaly
1B337A

Monochromacy



Original Color
4A0AC1

Achromatopsia
323232

Achromatomaly
3B2366

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A0AC1 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 #4A0AC1 looks like.

```
.text, #text, p{  
    color:#4A0AC1  
}
```

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 #4A0AC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A0AC1
}
```

Border

The CSS property to change the border of an element to Hex 4A0AC1 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".

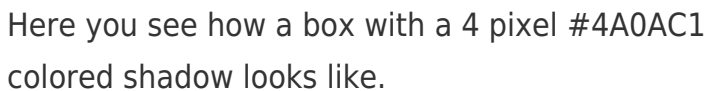
```
.border, #border, table{ border:4px solid
#4A0AC1 }
```

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

```
.border{ border-color:#4A0AC1 }
```

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

Here you see how a box with a 4 pixel #4A0AC1 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A0AC1; -webkit-box-shadow:4px 4px  
4px 4px #4A0AC1; box-shadow:4px 4px 4px  
4px #4A0AC1 }
```

Background

The CSS property to change the background color of an element to Hex 4A0AC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A0AC1 }
```

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

```
.background{ background-color:#4A0AC1 }
```

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