

Converting Colors

Hex(4B00AD)

Have a look what the booklet for
Hex(4B00AD) contains.

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Color

Hex(4B00AD)

Conversions

Conversions Part 1

Format	Color
Hex	4B00AD
RGB	75, 0, 173
RGB Percent	29%, 0%, 68%
CMY	0.7059, 1.0000, 0.3216
CMYK	0.57, 1.00, 0.00, 0.32
HSL	266°, 100%, 34%
HSV	266°, 100%, 68%
XYZ	10.4445, 4.5130, 39.8558
YIQ	42.1470, -10.8330, 69.7030

Conversions

Conversions Part 2

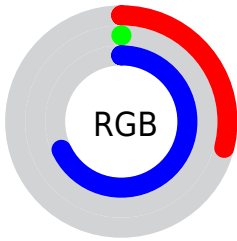
Format	Color
RYB	75, 0, 173
Decimal	4915373
CIELab	25.30, 61.47, -71.86
CIELCh	25, 94.568, 310.545
Yxy	4.5130, 0.1905, 0.0823
Android (android.graphics.Color)	4283105453 (0xFF4B00AD)
YUV	42.1470, 64.5105, 28.8121
Hunter-Lab	21.2438, 50.5826, -96.3641

Details

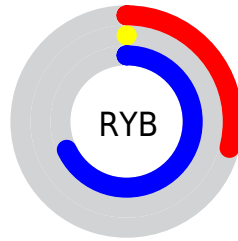
The Hex color **4B00AD** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **62AD00**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8842E6**, and **000077** is the 20% darker color. If you saturate the color by 10%, you get **4B00AD**, and if you desaturate by 10%, it is **5511AD**.

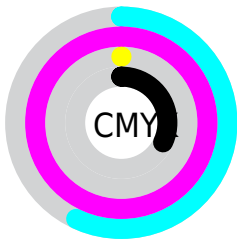
Distribution



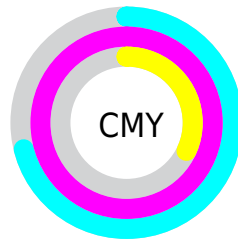
- Red (29%)
- Green (0%)
- Blue (68%)



- Red (29%)
- Yellow (0%)
- Blue (68%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)



- Cyan (71%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B00AD 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 4B00AD by changing the saturation by 10% instead.

 4B00AD

 4B00AD

FFFFFF

 280092

 8842E6

 000077

 A55CFF

 00005D

 C377FF

 000844

 E192FF

 00032D

 FFAEFF

 000118

 FFCAFF

 000000

 FFE7FF

 4B00AD

■ 5511AD

■ 5F23AD

■ 6834AD

■ 7245AD

■ 7C57AD

■ 8668AD

■ 9079AD

■ 998AAD

■ A39CAD

Harmonies

Analogous

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



0042D0



4B00AD



9B006E

Triad

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



4B00AD



6E2300



005255

Complementary

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



4B00AD



62AD00

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.



005000



4B00AD



334200

Square

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



4B00AD



980000



004C00



00549B

Rectangle

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



4B00AD



AB003F



004C00



00523C

Sweetspot

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



4B00AD



BA9DE0



0062AD



594870



F0F0F0



707070

Same Dimension

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



4B00AD



6100E0



A100AD



524E57



410096



0A0017

Inverse Universe

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



AD0062



E0007F



0CAD00



574E53



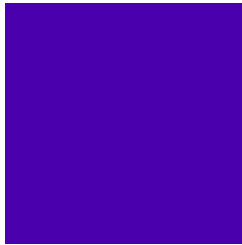
960055



17000D

Previews

White Background



This preview shows how the Hex color 4B00AD looks on a white background.

Color Contrast Check

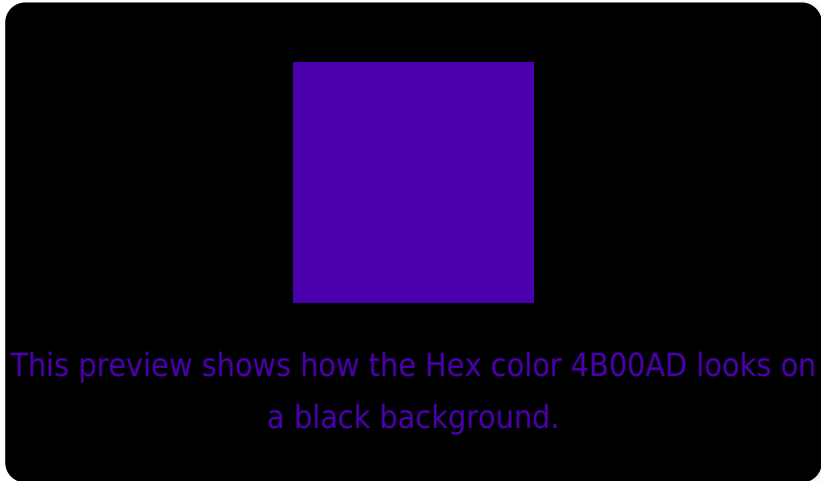
Large Text (above 18pt) WCAG AA ✓ Pass

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

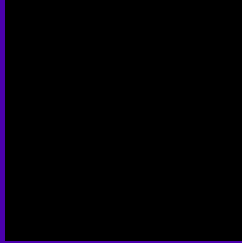
Any Text WCAG AA × Fail

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 4B00AD Background



This preview shows how black text looks on a background with the Hex color 4B00AD.



This preview shows how white text looks on a background with the Hex color 4B00AD.

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](#).

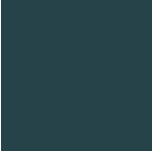
Dichromacy



Original Color
4B00AD

Protanopia
003D7F

Deuteranopia
00416C



Tritanopia
254349

Trichromacy



Original Color
4B00AD

Protanomaly
1B2790

Deuteranomaly
1B2984

Tritanomaly
332B6D

Monochromacy



Original Color
4B00AD

Achromatopsia
2A2A2A

Achromatomaly
361B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B00AD 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 #4B00AD looks like.

```
.text, #text, p{  
    color:#4B00AD  
}
```

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 #4B00AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B00AD
}
```

Border

The CSS property to change the border of an element to Hex 4B00AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

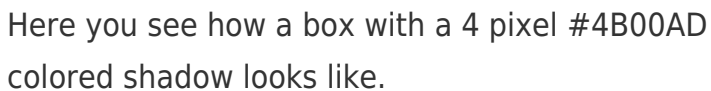
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B00AD }
```

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

```
.border{ border-color:#4B00AD }
```

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



Here you see how a box with a 4 pixel #4B00AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B00AD; -webkit-box-shadow:4px 4px  
4px 4px #4B00AD; box-shadow:4px 4px 4px  
4px #4B00AD }
```

Background

The CSS property to change the background color of an element to Hex 4B00AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B00AD }
```

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

```
.background{ background-color:#4B00AD }
```

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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