

Converting Colors

Hex(AB049B)

Have a look what the booklet for
Hex(AB049B) contains.

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Color

Hex(AB049B)

Conversions

Conversions Part 1

Format	Color
Hex	AB049B
RGB	171, 4, 155
RGB Percent	67%, 2%, 61%
CMY	0.3294, 0.9843, 0.3922
CMYK	0.00, 0.98, 0.09, 0.33
HSL	306°, 95%, 34%
HSV	306°, 98%, 67%
XYZ	22.7544, 11.1113, 31.9558
YIQ	71.1470, 51.0610, 82.3650

Conversions

Conversions Part 2

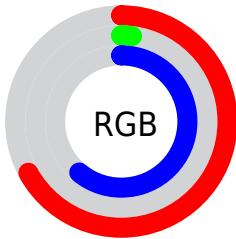
Format	Color
R_{YB}	171, 4, 155
Decimal	11207835
CIE _{Lab}	39.77, 70.09, -36.76
CIE _{LCh}	40, 79.143, 332.324
Yxy	11.1113, 0.3457, 0.1688
Android (android.graphics.Color)	4289397915 (0xFFAB049B)
YUV	71.1470, 41.3395, 87.5711
Hunter-Lab	33.3336, 63.5148, -33.5056

Details

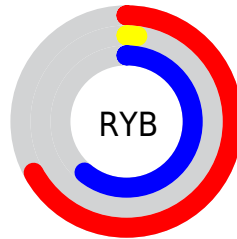
The Hex color **AB049B** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **04AB14**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **E654D2**, and **720067** is the 20% darker color. If you saturate the color by 10%, you get **AB009B**, and if you desaturate by 10%, it is **AB159D**.

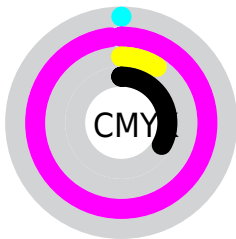
Distribution



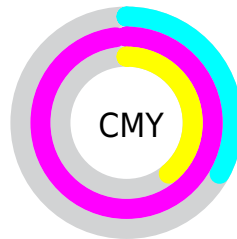
- Red (67%)
- Green (2%)
- Blue (61%)



- Red (67%)
- Yellow (2%)
- Blue (61%)



- Cyan (0%)
- Magenta (98%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (98%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB049B 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 AB049B by changing the saturation by 10% instead.

 AB049B

 AB049B

FFFFFF

 8E0081

 E654D2

 720067

 FF72EE

 56004F

 FF8EFF

 3D0037

 FFABFF

 1F0021

 FFC9FF

 000005

 FFE6FF

 000000

 AB049B

 AB049B

 AB009B

 AB159D

 AB269E

 AB37A0

 AB48A2

 AB5AA3

 AB6BA5

 AB7CA6

 AB8DA8

 AB9EAA

Harmonies

Analogous

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



5549CD



AB049B



C8005C

Triad

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



AB049B



6F5D00



0077A2

Complementary

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



AB049B



04AB14

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.



007761



AB049B



276C00

Square

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



AB049B



A04000



007419



0073D2

Rectangle

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



AB049B



C70032



007419



00778E

Sweetspot

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



AB049B



DE9ED8



1204AB



70496C



F0F0F0



707070

Same Dimension

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



AB049B



DE00C9



AB044A



574E56



960088



170015

Inverse Universe

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



AB049B



DE00C9



04AB65



574E56



960088



170015

Previews

White Background



This preview shows how the Hex color AB049B looks on a white background.

Color Contrast Check

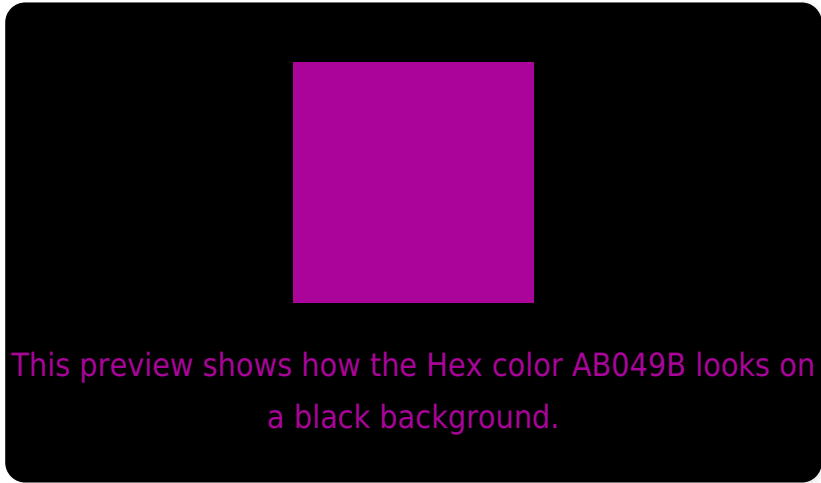
Large Text (above 18pt) WCAG AA ✓ Pass

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

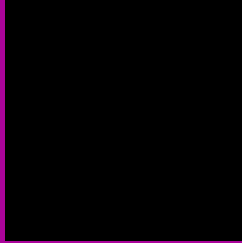
Any Text WCAG AA × Fail

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 AB049B Background



This preview shows how black text looks on a background with the Hex color AB049B.



This preview shows how white text looks on a background with the Hex color AB049B.

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
A23D41

Trichromacy



Original Color
AB049B



Protanomaly
3E3DB5



Deuteranomaly
6C3F95



Tritanomaly
A52862

Monochromacy



Original Color
AB049B



Achromatopsia
474747



Achromatomaly
6B2F66

CSS Examples

Text

The CSS property to change the color of the text to Hex AB049B 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 #AB049B looks like.

```
.text, #text, p{  
    color:#AB049B  
}
```

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 #AB049B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB049B
}
```

Border

The CSS property to change the border of an element to Hex AB049B is called "border". The border property can be set on classes, ids or directly on the HTML element.

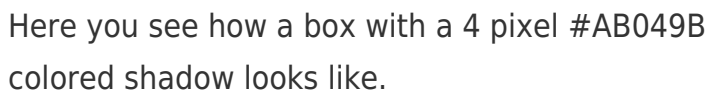
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB049B }
```

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

```
.border{ border-color:#AB049B }
```

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



Here you see how a box with a 4 pixel #AB049B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB049B; -webkit-box-shadow:4px 4px  
4px 4px #AB049B; box-shadow:4px 4px 4px  
4px #AB049B }
```

Background

The CSS property to change the background color of an element to Hex AB049B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB049B }
```

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

```
.background{ background-color:#AB049B }
```

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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