

Converting Colors

Hex(AB49CC)

Have a look what the booklet for
Hex(AB49CC) contains.

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Color

Hex(**AB49CC**)

Conversions

Conversions Part 1

Format	Color
Hex	AB49CC
RGB	171, 73, 204
RGB Percent	67%, 29%, 80%
CMY	0.3294, 0.7137, 0.2000
CMYK	0.16, 0.64, 0.00, 0.20
HSL	285°, 56%, 54%
HSV	285°, 64%, 80%
XYZ	30.0762, 17.7826, 58.9739
YIQ	117.2360, 16.3570, 61.5170

Conversions

Conversions Part 2

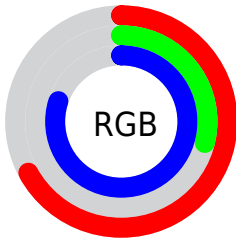
Format	Color
RYB	171, 73, 204
Decimal	11225548
CIELab	49.23, 59.55, -50.56
CIELCh	49, 78.119, 319.668
Yxy	17.7826, 0.2815, 0.1665
Android (android.graphics.Color)	4289415628 (0xFFAB49CC)
YUV	117.2360, 42.7747, 47.1510
Hunter-Lab	42.1695, 53.5136, -53.3983

Details

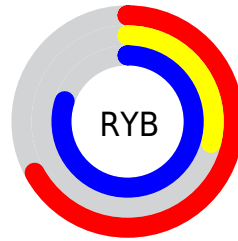
The Hex color **AB49CC** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **6ACC49**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E580FF**, and **730695** is the 20% darker color. If you saturate the color by 10%, you get **A635CC**, and if you desaturate by 10%, it is **B05DCC**.

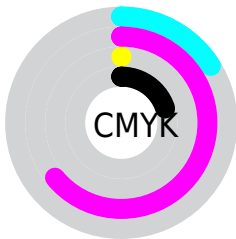
Distribution



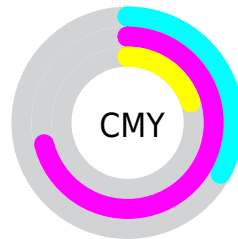
- Red (67%)
- Green (29%)
- Blue (80%)



- Red (67%)
- Yellow (29%)
- Blue (80%)



- Cyan (16%)
- Magenta (64%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (71%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB49CC 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 AB49CC by changing the saturation by 10% instead.

 AB49CC

 AB49CC

FFFFFF

 8F2DB0

 E580FF

 730695

 FF9BFF

 57007B

 FFB7FF

 3C0061

 FFD4FF

 240049

 FFF1FF

 000031

 00011B

 000000

 AB49CC

 AB49CC

 A635CC

 B05DCC

 A120CC

 B572CC

 9C0CCC

 BA86CC

 9900CC

 C09BCC

 C5AFCC

 CAC3CC

 CFD8CC

 D4ECCC

 D9FFCC

Harmonies

Analogous

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



126EF4



AB49CC



DD148F

Triad

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



AB49CC



A16A00



0091A0

Complementary

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



AB49CC



6ACC49

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.



008F5B



AB49CC



657F00

Square

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



AB49CC



CE4802



008A08



008EDA

Rectangle

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



AB49CC



E60263



008A08



00918A

Sweetspot

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



AB49CC



F3CFFF



496CCC



786280



000000



808080

Same Dimension

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



AB49CC



CE3BFF



CC49AD



635C66



7C00A6



1D0026

Inverse Universe

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



CC496A



FF3B6C



49CC68



665C5E



A6002A



26000A

Previews

White Background



This preview shows how the Hex color AB49CC looks on a white background.

Color Contrast Check

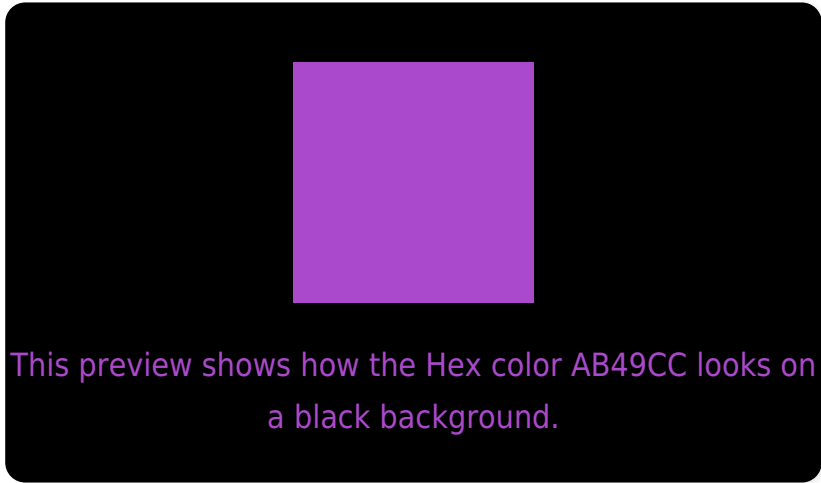
Large Text (above 18pt) WCAG AA ✓ Pass

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

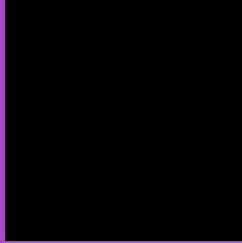
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AB49CC Background



This preview shows how black text looks on a background with the Hex color AB49CC.

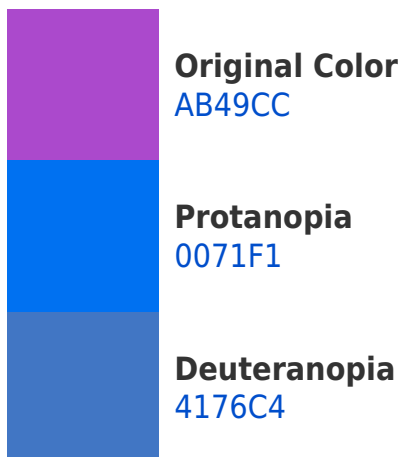



This preview shows how white text looks on a background with the Hex color AB49CC.

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](#).

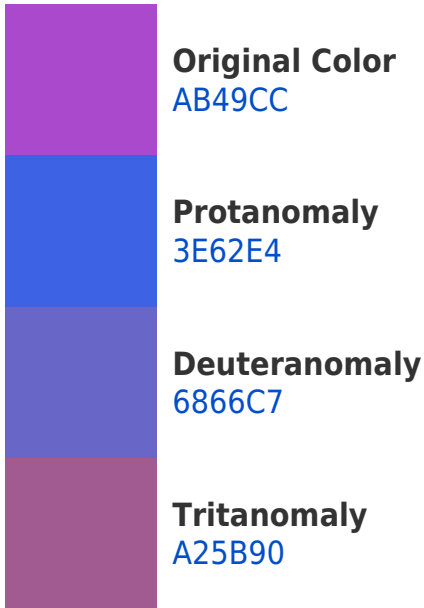
Dichromacy



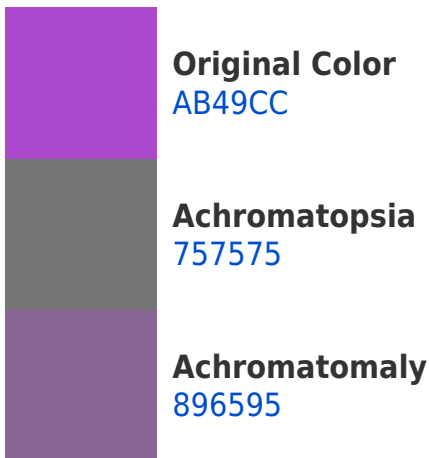


Tritanopia
9D666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB49CC 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 #AB49CC looks like.

```
.text, #text, p{  
    color:#AB49CC  
}
```

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 #AB49CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB49CC  
}
```

Border

The CSS property to change the border of an element to Hex AB49CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

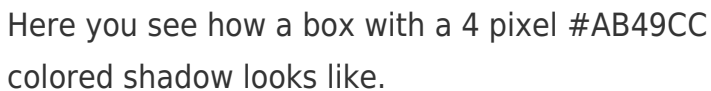
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AB49CC }
```

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

```
.border{ border-color:#AB49CC }
```

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



Here you see how a box with a 4 pixel #AB49CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB49CC; -webkit-box-shadow:4px 4px  
4px 4px #AB49CC; box-shadow:4px 4px 4px  
4px #AB49CC }
```

Background

The CSS property to change the background color of an element to Hex AB49CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB49CC }
```

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

```
.background{ background-color:#AB49CC }
```

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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