

Converting Colors

Hex(B49BCA)

Have a look what the booklet for
Hex(B49BCA) contains.

Hex(B49BCA)	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(B49BCA)

Conversions

Conversions Part 1

Format	Color
Hex	B49BCA
RGB	180, 155, 202
RGB Percent	71%, 61%, 79%
CMY	0.2941, 0.3922, 0.2078
CMYK	0.11, 0.23, 0.00, 0.21
HSL	272°, 31%, 70%
HSV	272°, 23%, 79%
XYZ	41.2044, 37.4103, 60.9263
YIQ	167.8330, -0.1870, 19.9170

Conversions

Conversions Part 2

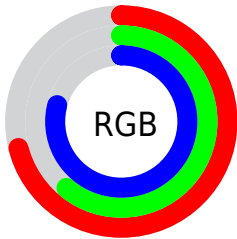
Format	Color
RYB	180, 155, 202
Decimal	11836362
CIELab	67.58, 18.14, -20.70
CIElCh	68, 27.525, 311.237
Yxy	37.4103, 0.2953, 0.2681
Android (android.graphics.Color)	4290026442 (0xFFB49BCA)
YUV	167.8330, 16.8443, 10.6705
Hunter-Lab	61.1639, 13.2135, -16.2449

Details

The Hex color **B49BCA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B1CA9B**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **ECD2FF**, and **7F6894** is the 20% darker color. If you saturate the color by 10%, you get **AB87CA**, and if you desaturate by 10%, it is **BDAFCA**.

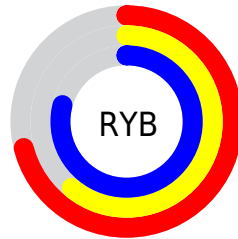
Distribution



Red (71%)

Green (61%)

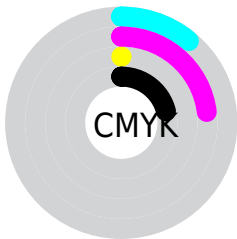
Blue (79%)



Red (71%)

Yellow (61%)

Blue (79%)

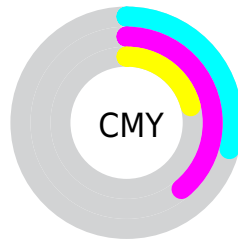


Cyan (11%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (29%)

Magenta (39%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color B49BCA 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 B49BCA by changing the saturation by 10% instead.

 B49BCA

 B49BCA

FFFFFF

 9981AF

 ECD2FF

 7F6894

 FFEEFF

 654F7A

 4D3861

 362349

 1F0E32

 01001D

 000000

 B49BCA

 B49BCA

 AB87CA

 BDAFCA

 A173CA

 C7C3CA

 985ECA

 D0D8CA

 8E4ACA

 DAECCA

 8536CA

 E3FFCA

 7B22CA

 EDFFCA

 720ECA

 F6FFCA

 6B00CA

 FFFFCA

Harmonies

Analogous

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



92A4D5



B49BCA



CC94B5

Triad

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



B49BCA



C49E76



5DB2AD

Complementary

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



B49BCA



B1CA9B

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.



75B194



B49BCA



ADA674

Square

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



B49BCA



D39685



91AD7F



59B1C4

Rectangle

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



B49BCA



D492A4



91AD7F



64B2A5

Sweetspot

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



B49BCA



F7EDFF



9BB2CA



7B7580



000000



808080

Same Dimension

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



B49BCA



DEB8FF



CA9BC9



615C66



5800A6



140026

Inverse Universe

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



CA9BB1



FFB8D9



9BCA9C



665C61



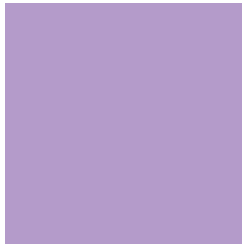
A6004E



260012

Previews

White Background



This preview shows how the Hex color B49BCA looks on a white background.

Color Contrast Check

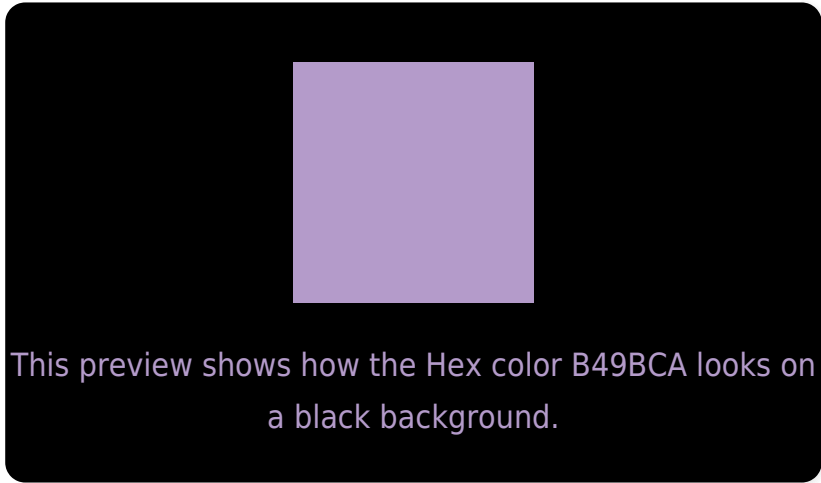
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

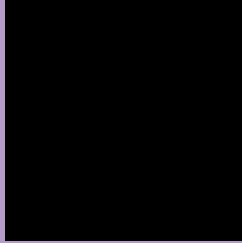
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex B49BCA Background



This preview shows how black text looks on a background with the Hex color B49BCA.

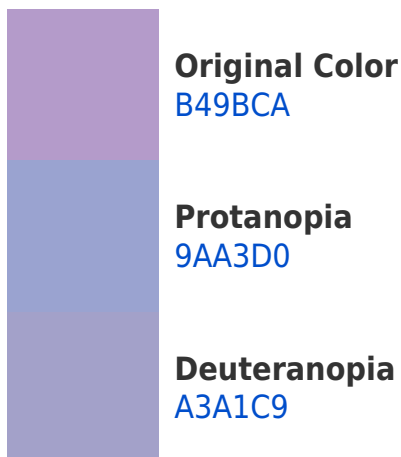


This preview shows how white text looks on a background with the Hex color B49BCA.

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



Trichromacy



Original Color
B49BCA

Protanomaly
A3A0CE

Deuteranomaly
A99FC9

Tritanomaly
B19EB8

Monochromacy



Original Color
B49BCA

Achromatopsia
A8A8A8

Achromatomaly
ACA3B4

CSS Examples

Text

The CSS property to change the color of the text to Hex B49BCA 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 #B49BCA looks like.

```
.text, #text, p{  
    color:#B49BCA  
}
```

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 #B49BCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B49BCA
}
```

Border

The CSS property to change the border of an element to Hex B49BCA 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
#B49BCA }
```

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

```
.border{ border-color:#B49BCA }
```

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

Here you see how a box with a 4 pixel #B49BCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B49BCA; -webkit-box-shadow:4px 4px  
4px 4px #B49BCA; box-shadow:4px 4px 4px  
4px #B49BCA }
```

Background

The CSS property to change the background color of an element to Hex B49BCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B49BCA }
```

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

```
.background{ background-color:#B49BCA }
```

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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