

# Converting Colors

Hex(B49ECA)

Have a look what the booklet for  
Hex(B49ECA) contains.

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# **Color**

**Hex(B49ECA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B49ECA
RGB	180, 158, 202
RGB Percent	71%, 62%, 79%
CMY	0.2941, 0.3804, 0.2078
CMYK	0.11, 0.22, 0.00, 0.21
HSL	270°, 29%, 71%
HSV	270°, 22%, 79%
XYZ	41.7099, 38.4213, 61.0948
YIQ	169.5940, -1.0120, 18.3480

# Conversions

## Conversions Part 2

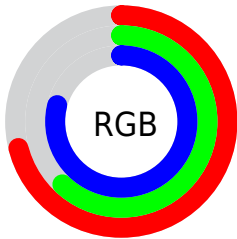
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 158, 202
Decimal	11837130
CIELab	68.33, 16.47, -19.56
CIELCh	68, 25.572, 310.090
Yxy	38.4213, 0.2953, 0.2721
Android (android.graphics.Color)	4290027210 (0xFFB49ECA)
YUV	169.5940, 15.9762, 9.1261
Hunter-Lab	61.9849, 11.6399, -15.0492

# Details

The Hex color **B49ECA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B4CA9E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ECD5FF**, and **7F6B94** is the 20% darker color. If you saturate the color by 10%, you get **AA8ACA**, and if you desaturate by 10%, it is **BEB2CA**.

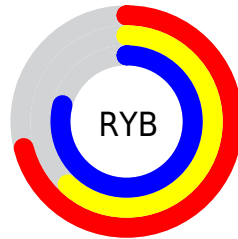
# Distribution



Red (71%)

Green (62%)

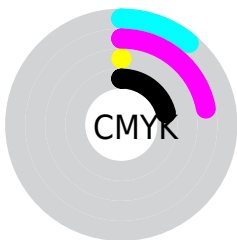
Blue (79%)



Red (71%)

Yellow (62%)

Blue (79%)

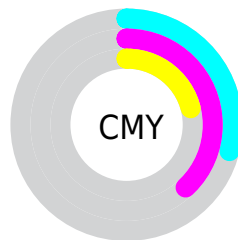


Cyan (11%)

Magenta (22%)

Yellow (0%)

Black (21%)



Cyan (29%)

Magenta (38%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B49ECA 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 B49ECA by changing the saturation by 10% instead.



 B49ECA

 B49ECA

FFFFFF

 9984AF

 ECD5FF

 7F6B94

 FFF1FF

 66527A

 4D3B61

 362549

 1F1132

 05001D

 000000

 B49ECA

 B49ECA

AA8ACA

BEB2CA

A076CA

C8C6CA

9661CA

D2DBCA

8C4DCA

DCEFCA

8239CA

E7FFCA

7725CA

F1FFCA

6D11CA

FBFFCA

6500CA

FFFFCA

# Harmonies

## Analogous

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



95A6D4



B49ECA



CB98B7

# Triad

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



B49ECA



C5A07C



67B4AE

# Complementary

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



B49ECA



B4CA9E

# 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.



7CB296



B49ECA



B0A879

# Square

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



B49ECA



D3998A



96AE83



63B2C4

# Rectangle

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



B49ECA



D396A7



96AE83



6DB4A6



# Sweetspot

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



B49ECA



F6EDFF



9EB4CA



7A7580



000000



808080



# Same Dimension

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



B49ECA



DEBDFE



CA9ECA



615C66



5300A6



130026



# Inverse Universe

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



CA9EB4



FFBDDE



9ECA9E



665C61



A60053

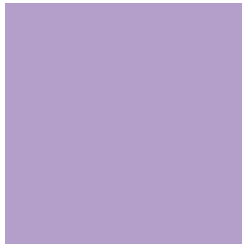


260013



# Previews

## White Background



This preview shows how the Hex color B49ECA looks on a white background.

## Color Contrast Check

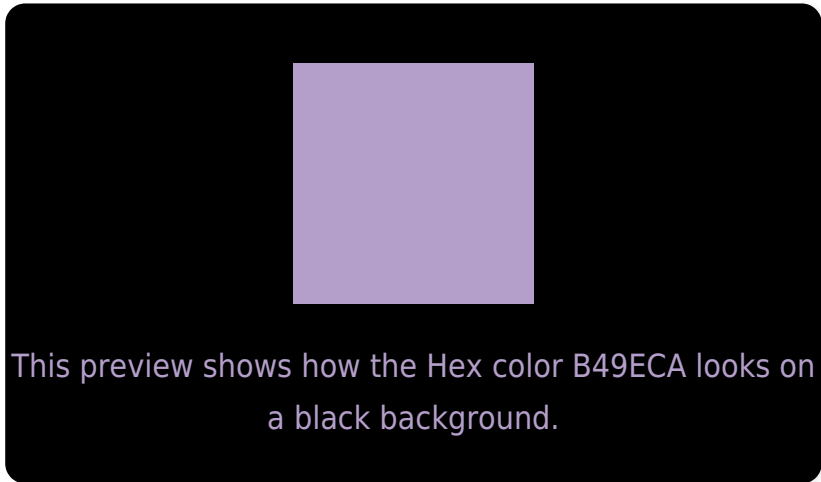
Large Text (above 18pt) WCAG AA × Fail

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

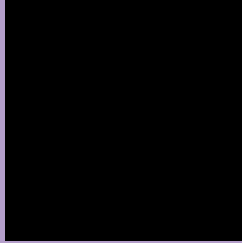
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B49ECA Background



This preview shows how black text looks on a background with the Hex color B49ECA.



This preview shows how white text looks on a background with the Hex color B49ECA.

# 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**  
B49ECA

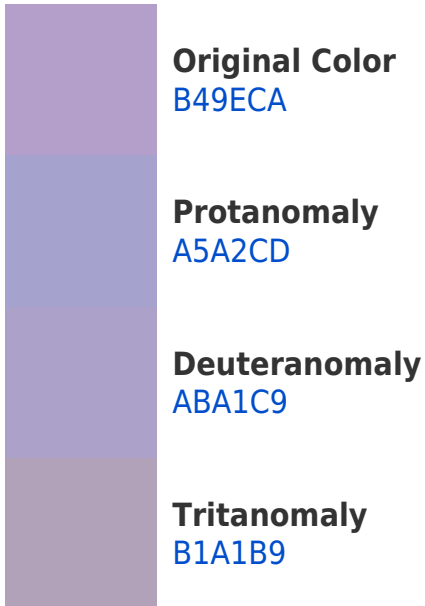
**Protanopia**  
9DA5CF

**Deuteranopia**  
A6A3C9

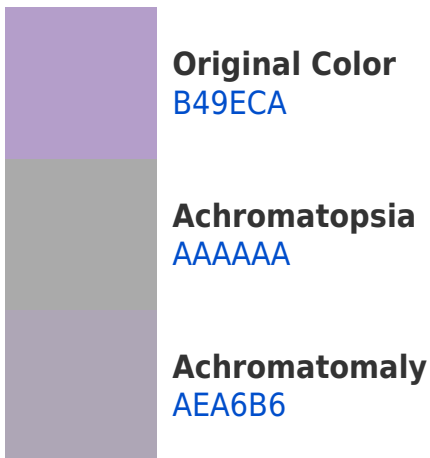


**Tritanopia**  
B0A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B49ECA 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 #B49ECA looks like.

```
.text, #text, p{  
    color:#B49ECA  
}
```

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 #B49ECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B49ECA
}
```

## Border

The CSS property to change the border of an element to Hex B49ECA 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
#B49ECA }
```

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

```
.border{ border-color:#B49ECA }
```

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

Here you see how a box with a 4 pixel #B49ECA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B49ECA; -webkit-box-shadow:4px 4px  
4px 4px #B49ECA; box-shadow:4px 4px 4px  
4px #B49ECA }
```

# Background

The CSS property to change the background color of an element to Hex B49ECA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B49ECA }
```

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

```
.background{ background-color:#B49ECA }
```

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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