

# Converting Colors

Hex(B89AB3)

Have a look what the booklet for  
Hex(B89AB3) contains.

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**Color**

**Hex(B89AB3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B89AB3
RGB	184, 154, 179
RGB Percent	72%, 60%, 70%
CMY	0.2784, 0.3961, 0.2980
CMYK	0.00, 0.16, 0.03, 0.28
HSL	310°, 17%, 66%
HSV	310°, 16%, 72%
XYZ	39.4594, 36.5562, 47.6241
YIQ	165.8200, 9.8550, 14.1350

# Conversions

## Conversions Part 2

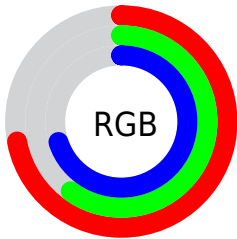
Format	Color
<a href="#">RYB</a>	<a href="#">184, 154, 179</a>
Decimal	<a href="#">12098227</a>
CIELab	<a href="#">66.94, 15.49, -8.81</a>
CIELCh	<a href="#">67, 17.818, 330.361</a>
Yxy	<a href="#">36.5562, 0.3191, 0.2957</a>
Android (android.graphics.Color)	<a href="#">4290288307</a> ( <a href="#">0xFFB89AB3</a> )
YUV	<a href="#">165.8200, 6.4977, 15.9439</a>
Hunter-Lab	<a href="#">60.4617, 10.6873, -4.3780</a>

# Details

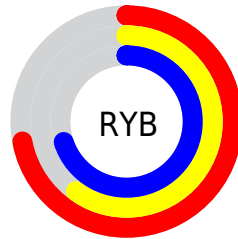
The Hex color **B89AB3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9AB89F**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F0D0EB**, and **83677E** is the 20% darker color. If you saturate the color by 10%, you get **B888B0**, and if you desaturate by 10%, it is **B8ACB6**.

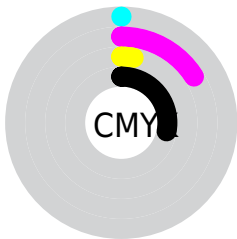
# Distribution



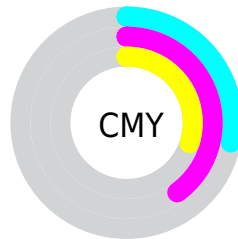
- Red (72%)
- Green (60%)
- Blue (70%)



- Red (72%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (28%)



- Cyan (28%)
- Magenta (40%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B89AB3 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 B89AB3 by changing the saturation by 10% instead.



 B89AB3

 B89AB3

FFFFFF

 9D8098

 F0D0EB

 83677E

 FFEDFF

 694F65

 51384D

 3A2237

 240D21

 020009

 000000

 B89AB3

 B89AB3

 B888B0

 B8ACB6

 B875AD

 B8BFB9

 B863AA

 B8D1BC

 B850A7

 B8E4BF

 B83EA4

 B8F6C2

 B82CA1

 B8FFC5

 B8199E

 B8FFC8

 B8079A

 B8FFCC

 B80099

 B8FFCF

# Harmonies

## Analogous

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



A69FBE



B89AB3



C398A3

# Triad

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



B89AB3



AFA283



78ACB2

# Complementary

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



B89AB3



9AB89F

# 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.



7DACA2



B89AB3



9EA787

# Square

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



B89AB3



BD9D88



8BAA93



7FA9BE

# Rectangle

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



B89AB3



C59898



8BAA93



78ACAD



# Sweetspot

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



B89AB3



F0E4EE



9F9AB8



787177



F7F7F7



787878



# Same Dimension

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



B89AB3



F0C0E8



B89AA4



5C535A



9C0082



1C0017



# Inverse Universe

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



B89AB3



F0C0E8



9AB8AE



5C535A



9C0082

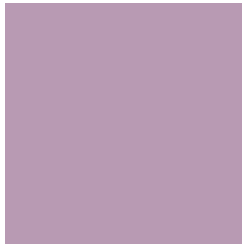


1C0017



# Previews

## White Background



This preview shows how the Hex color B89AB3 looks on a white background.

## Color Contrast Check

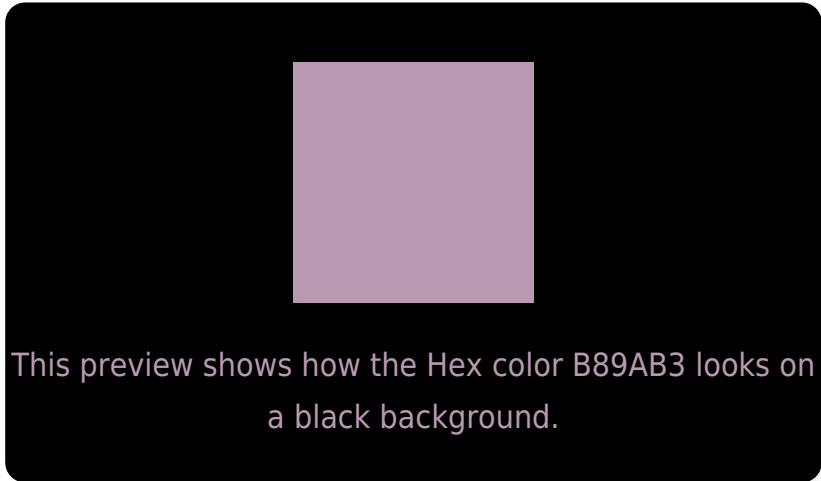
Large Text (above 18pt) WCAG AA × Fail

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

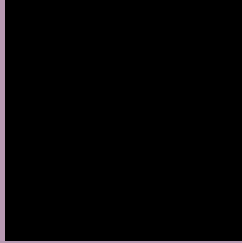
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B89AB3 Background



This preview shows how black text looks on a background with the Hex color B89AB3.



This preview shows how white text looks on a background with the Hex color B89AB3.

# 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**  
B89AB3

**Protanopia**  
A0A2B8

**Deuteranopia**  
AC9FB2



**Tritanopia**  
B69CA8

# Trichromacy



**Original Color**  
B89AB3

**Protanomaly**  
A99FB6

**Deuteranomaly**  
B09DB2

**Tritanomaly**  
B79BAC

# Monochromacy



**Original Color**  
B89AB3

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
ADA2AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B89AB3 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 #B89AB3 looks like.

```
.text, #text, p{  
    color:#B89AB3  
}
```

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 #B89AB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89AB3  
}
```

## Border

The CSS property to change the border of an element to Hex B89AB3 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  
#B89AB3 }
```

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

```
.border{ border-color:#B89AB3 }
```

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

Here you see how a box with a 4 pixel #B89AB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89AB3; -webkit-box-shadow:4px 4px  
4px 4px #B89AB3; box-shadow:4px 4px 4px  
4px #B89AB3 }
```

# Background

The CSS property to change the background color of an element to Hex B89AB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89AB3 }
```

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

```
.background{ background-color:#B89AB3 }
```

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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