

# Converting Colors

Hex(B39CB5)

Have a look what the booklet for  
Hex(B39CB5) contains.

<b>Hex(B39CB5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B39CB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B39CB5
RGB	179, 156, 181
RGB Percent	70%, 61%, 71%
CMY	0.2980, 0.3882, 0.2902
CMYK	0.01, 0.14, 0.00, 0.29
HSL	295°, 14%, 66%
HSV	295°, 14%, 71%
XYZ	38.8194, 36.6968, 48.7533
YIQ	165.7270, 5.6830, 12.6510

# Conversions

## Conversions Part 2

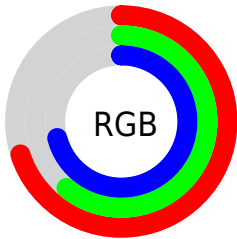
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 156, 181
Decimal	11771061
CIE <sub>Lab</sub>	67.05, 13.00, -9.82
CIE <sub>LCh</sub>	67, 16.293, 322.939
Yxy	36.6968, 0.3124, 0.2953
Android (android.graphics.Color)	4289961141 (0xFFB39CB5)
YUV	165.7270, 7.5296, 11.6404
Hunter-Lab	60.5779, 8.3745, -5.3122

# Details

The Hex color **B39CB5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9EB59C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **EBD3ED**, and **7E6980** is the 20% darker color. If you saturate the color by 10%, you get **B28AB5**, and if you desaturate by 10%, it is **B4AEB5**.

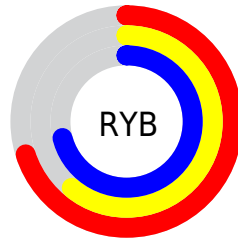
# Distribution



Red (70%)

Green (61%)

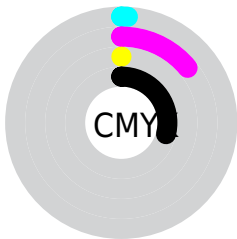
Blue (71%)



Red (70%)

Yellow (61%)

Blue (71%)

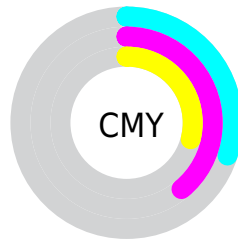


Cyan (1%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (30%)

Magenta (39%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B39CB5 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 B39CB5 by changing the saturation by 10% instead.



 B39CB5

 B39CB5

FFFFFF

 98829A

 EBD3ED

 7E6980

 FFEFFF

 655167

 4D394F

 362438

 200F23

 00000B

 000000

 B39CB5

 B39CB5

 B28AB5

 B4AEB5

 B078B5

 B6C0B5

 AF66B5

 B7D2B5

 AD54B5

 B9E4B5

 AC42B5

 BAF7B5

 AA2FB5

 BCFFB5

 A91DB5

 BDFFB5

 A70BB5

 BFFFB5

 A700B5

 C0FFB5

# Harmonies

## Analogous

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



A1A1BE



B39CB5



BF99A7

# Triad

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



B39CB5



B2A186



7CACAE

# Complementary

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



B39CB5



9EB59C

# 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.



84AC9F



B39CB5



A3A688

# Square

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



B39CB5



BE9C8C



92A991



80A9BA

# Rectangle

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



B39CB5



C2999D



92A991



7EACA9



# Sweetspot

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



B39CB5



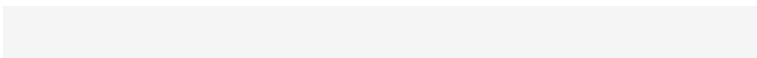
EAE1EB



9C9EB5



756F75



F5F5F5



757575



# Same Dimension

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



B39CB5



E7C3EB



B59CAB



595059



8D0099



17001A



# Inverse Universe

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



B59C9E



EBC3C6



9CB5A6



595051



99000C

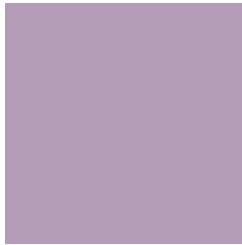


1A0002



# Previews

## White Background



This preview shows how the Hex color B39CB5 looks on a white background.

## Color Contrast Check

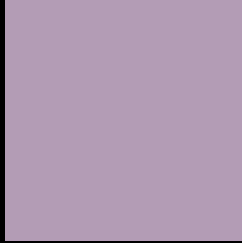
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B39CB5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

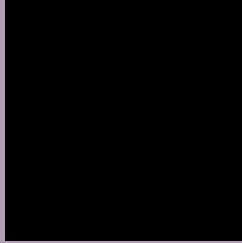
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B39CB5 Background



This preview shows how black text looks on a background with the Hex color B39CB5.



This preview shows how white text looks on a background with the Hex color B39CB5.

# 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**  
B39CB5

**Protanopia**  
A0A2B9

**Deuteranopia**  
AB9FB4



**Tritanopia**  
B19EAA

# Trichromacy



**Original Color**  
B39CB5

**Protanomaly**  
A7A0B8

**Deuteranomaly**  
AE9EB4

**Tritanomaly**  
B29DAE

# Monochromacy



**Original Color**  
B39CB5

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
ABA2AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B39CB5 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 #B39CB5 looks like.

```
.text, #text, p{  
    color:#B39CB5  
}
```

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 #B39CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B39CB5
}
```

## Border

The CSS property to change the border of an element to Hex B39CB5 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
#B39CB5 }
```

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

```
.border{ border-color:#B39CB5 }
```

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

Here you see how a box with a 4 pixel #B39CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B39CB5; -webkit-box-shadow:4px 4px  
4px 4px #B39CB5; box-shadow:4px 4px 4px  
4px #B39CB5 }
```

# Background

The CSS property to change the background color of an element to Hex B39CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B39CB5 }
```

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

```
.background{ background-color:#B39CB5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor