

# Converting Colors

Hex(B39DAB)

Have a look what the booklet for  
Hex(B39DAB) contains.

<b>Hex(B39DAB)</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(B39DAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B39DAB
RGB	179, 157, 171
RGB Percent	70%, 62%, 67%
CMY	0.2980, 0.3843, 0.3294
CMYK	0.00, 0.12, 0.04, 0.30
HSL	322°, 13%, 66%
HSV	322°, 12%, 70%
XYZ	37.9981, 36.6379, 43.5972
YIQ	165.1740, 8.6180, 9.0180

# Conversions

## Conversions Part 2

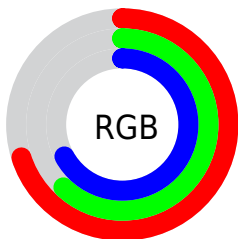
Format	Color
<a href="#">RYB</a>	<a href="#">179, 157, 171</a>
Decimal	<a href="#">11771307</a>
CIELab	<a href="#">67.00, 10.56, -4.30</a>
CIElCh	<a href="#">67, 11.400, 337.842</a>
Yxy	<a href="#">36.6379, 0.3214, 0.3099</a>
Android (android.graphics.Color)	<a href="#">4289961387 (0xFFB39DAB)</a>
YUV	<a href="#">165.1740, 2.8722, 12.1254</a>
Hunter-Lab	<a href="#">60.5293, 6.1296, -0.3341</a>

# Details

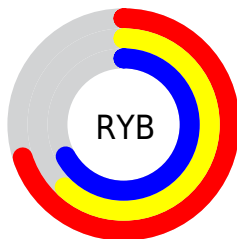
The Hex color **B39DAB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9DB3A5**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **EBD4E2**, and **7E6A77** is the 20% darker color. If you saturate the color by 10%, you get **B38BA4**, and if you desaturate by 10%, it is **B3AFB2**.

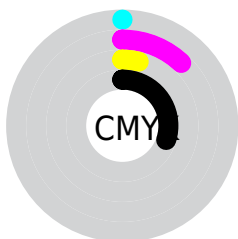
# Distribution



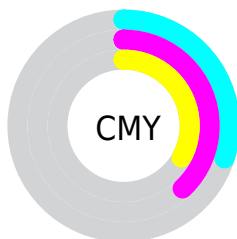
- Red (70%)
- Green (62%)
- Blue (67%)



- Red (70%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (30%)



- Cyan (30%)
- Magenta (38%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B39DAB 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 B39DAB by changing the saturation by 10% instead.



 B39DAB

 B39DAB

FFFFFF

 988391

 EBD4E2

 7E6A77

 FFF0FF

 65515E

 4D3A47

 362530

 21101B

 000000

 B39DAB

 B39DAB

 B38BA4

 B3AFB2

 B3799E

 B3C1B8

 B36797

 B3D3BF

 B35591

 B3E5C5

 B3448A

 B3F7CC

 B33284

 B3FFD2

 B3207D

 B3FFD9

 B30E77

 B3FFDF

 B30072

 B3FFE6

# Harmonies

## Analogous

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



A8A0B3



B39DAB



B99CA1

# Triad

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



B39DAB



A9A38F



8AA8AF

# Complementary

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



B39DAB



9DB3A5

# 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.



8BA9A5



B39DAB



9DA693

# Square

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



B39DAB



B3A090



92A89B



90A6B6

# Rectangle

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



B39DAB



B99D9A



92A89B



89A9AC



# Sweetspot

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



B39DAB



E8DFE5



A59DB3



756F73



F5F5F5



757575



# Same Dimension

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



B39DAB



E8C5DB



B39DA0



595056



990061



1A0010



# Inverse Universe

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



B39DAB



E8C5DB



9DB3B0



595056



990061

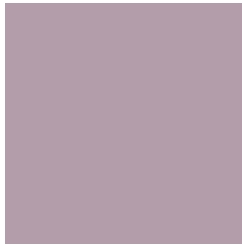


1A0010



# Previews

## White Background



This preview shows how the Hex color B39DAB looks on a white background.

## Color Contrast Check

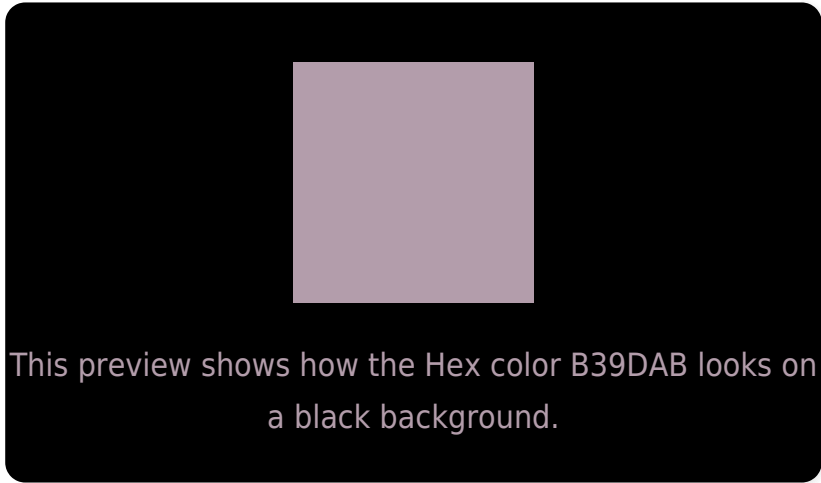
Large Text (above 18pt) WCAG AA × Fail

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

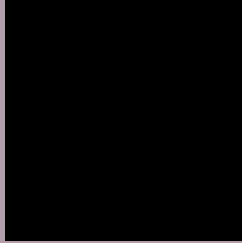
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B39DAB Background



This preview shows how black text looks on a background with the Hex color B39DAB.

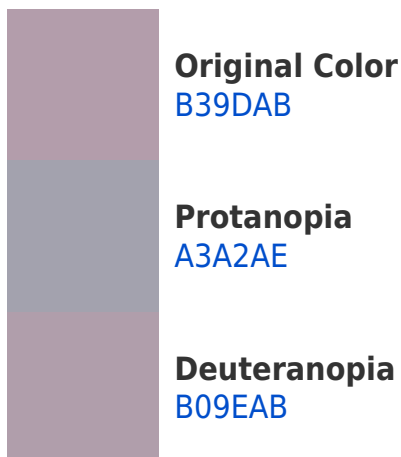


This preview shows how white text looks on a background with the Hex color B39DAB.

# 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**  
B39DAA

# Trichromacy



**Original Color**

B39DAB

**Protanomaly**

A9A0AD

**Deuteranomaly**

B19EAB

**Tritanomaly**

B39DAA

# Monochromacy



**Original Color**

B39DAB

**Achromatopsia**

A5A5A5

**Achromatomaly**

AAA2A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B39DAB 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 #B39DAB looks like.

```
.text, #text, p{  
    color:#B39DAB  
}
```

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 #B39DAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B39DAB
}
```

## Border

The CSS property to change the border of an element to Hex B39DAB 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
#B39DAB }
```

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

```
.border{ border-color:#B39DAB }
```

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

Here you see how a box with a 4 pixel #B39DAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B39DAB; -webkit-box-shadow:4px 4px  
4px 4px #B39DAB; box-shadow:4px 4px 4px  
4px #B39DAB }
```

# Background

The CSS property to change the background color of an element to Hex B39DAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B39DAB }
```

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

```
.background{ background-color:#B39DAB }
```

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