

Converting Colors

Hex(B39AEE)

Have a look what the booklet for
Hex(B39AEE) contains.

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Color

Hex(B39AEE)

Conversions

Conversions Part 1

Format	Color
Hex	B39AEE
RGB	179, 154, 238
RGB Percent	70%, 60%, 93%
CMY	0.2980, 0.3961, 0.0667
CMYK	0.25, 0.35, 0.00, 0.07
HSL	258°, 71%, 77%
HSV	258°, 35%, 93%
XYZ	45.5786, 38.8680, 85.9889
YIQ	171.0510, -12.0640, 31.4240

Conversions

Conversions Part 2

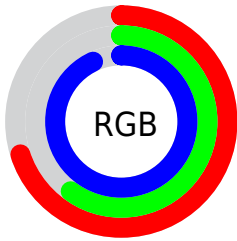
Format	Color
RYB	179, 154, 238
Decimal	11770606
CIELab	68.66, 26.47, -38.91
CIELCh	69, 47.057, 304.225
Yxy	38.8680, 0.2674, 0.2281
Android (android.graphics.Color)	4289960686 (0xFFB39AEE)
YUV	171.0510, 33.0059, 6.9713
Hunter-Lab	62.3442, 21.3956, -38.1355

Details

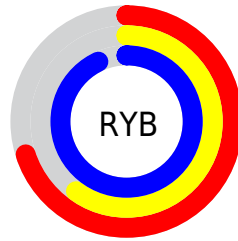
The Hex color **B39AEE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D5EE9A**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **ECD1FF**, and **7C67B6** is the 20% darker color. If you saturate the color by 10%, you get **A282EE**, and if you desaturate by 10%, it is **C4B2EE**.

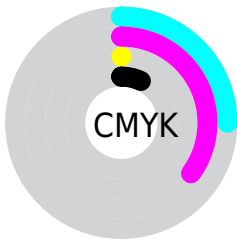
Distribution



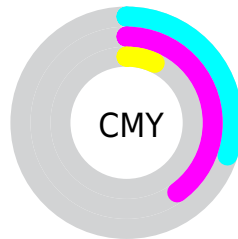
- Red (70%)
- Green (60%)
- Blue (93%)



- Red (70%)
- Yellow (60%)
- Blue (93%)



- Cyan (25%)
- Magenta (35%)
- Yellow (0%)
- Black (7%)



- Cyan (30%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B39AEE 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 B39AEE by changing the saturation by 10% instead.

 B39AEE

 B39AEE

FFFFFF

 9780D2

 ECD1FF

 7C67B6

 FFEDFF


 624E9B

 483780

 2E2167

 120C4E

 000037

 000221

 000005

 B39AEE

 B39AEE

 A282EE

 C4B2EE

 926AEE

 D4CAEE

 8153EE

 E5E1EE

 703BEE

 F6F9EE

 5F23EE

 FFFFEE

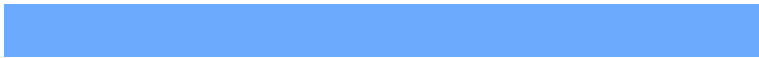
 4F0BEE

 4700EE

Harmonies

Analogous

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



6BAAF0



B39AEE



E18BCD

Triad

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



B39AEE



DF985B



00BDAC

Complementary

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



B39AEE



D5EE9A

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.



57BA81



B39AEE



BCA750

Square

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



B39AEE



F58A7A



8FB35F



00BCD6

Rectangle

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



B39AEE



F285B2



8FB35F



0EBD9D

Sweetspot

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



B39AEE



EBE3FF



9AD6EE



746F80



000000



808080

Same Dimension

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



B39AEE



B494FF



DC9AEE



6F6C78



3700B8



110038

Inverse Universe

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



EE9AD5



FF94DF



ACEE9A



786C74



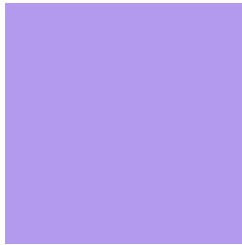
B80081



380027

Previews

White Background



This preview shows how the Hex color B39AEE looks on a white background.

Color Contrast Check

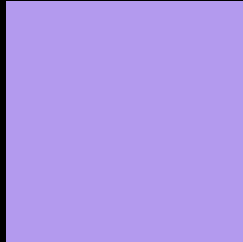
Large Text (above 18pt) WCAG AA × Fail

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 B39AEE 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 B39AEE Background



This preview shows how black text looks on a background with the Hex color B39AEE.

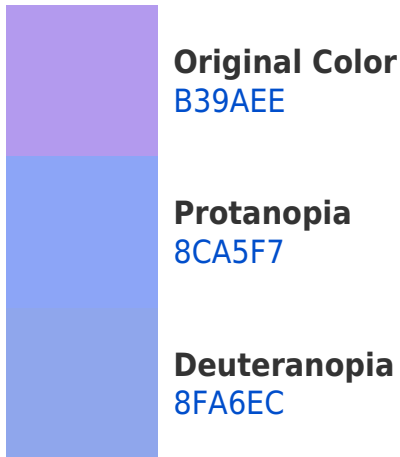


This preview shows how white text looks on a background with the Hex color B39AEE.

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](#).

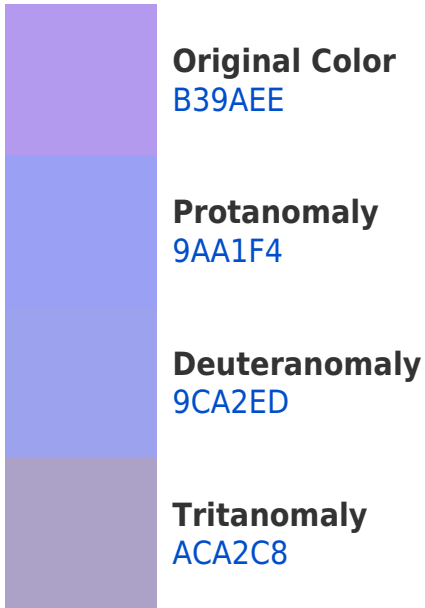
Dichromacy



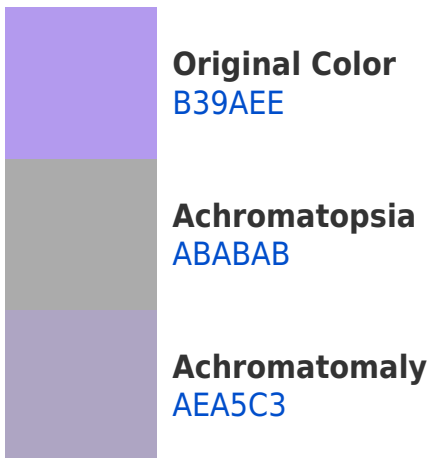


Tritanopia
A8A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B39AEE 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 #B39AEE looks like.

```
.text, #text, p{  
    color:#B39AEE  
}
```

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 #B39AEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B39AEE
}
```

Border

The CSS property to change the border of an element to Hex B39AEE 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
#B39AEE }
```

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

```
.border{ border-color:#B39AEE }
```

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

Here you see how a box with a 4 pixel #B39AEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B39AEE; -webkit-box-shadow:4px 4px  
4px 4px #B39AEE; box-shadow:4px 4px 4px  
4px #B39AEE }
```

Background

The CSS property to change the background color of an element to Hex B39AEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B39AEE }
```

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

```
.background{ background-color:#B39AEE }
```

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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