

Converting Colors

Hex(B039CD)

Have a look what the booklet for
Hex(B039CD) contains.

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Color

Hex(B039CD)

Conversions

Conversions Part 1

Format	Color
Hex	B039CD
RGB	176, 57, 205
RGB Percent	69%, 22%, 80%
CMY	0.3098, 0.7765, 0.1961
CMYK	0.14, 0.72, 0.00, 0.20
HSL	288°, 60%, 51%
HSV	288°, 72%, 80%
XYZ	30.3871, 16.5641, 59.3532
YIQ	109.4530, 23.4160, 71.2560

Conversions

Conversions Part 2

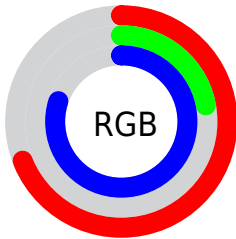
Format	Color
R_{YB}	176, 57, 205
Decimal	11549133
CIE _{Lab}	47.71, 67.30, -53.54
CIE _{LCh}	48, 85.995, 321.495
Yxy	16.5641, 0.2858, 0.1558
Android (android.graphics.Color)	4289739213 (0xFFB039CD)
YUV	109.4530, 47.1047, 58.3617
Hunter-Lab	40.6991, 62.0498, -57.9759

Details

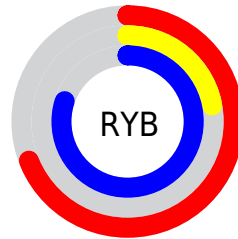
The Hex color **B039CD** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **56CD39**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **EB73FF**, and **770096** is the 20% darker color. If you saturate the color by 10%, you get **AC24CD**, and if you desaturate by 10%, it is **B44DCD**.

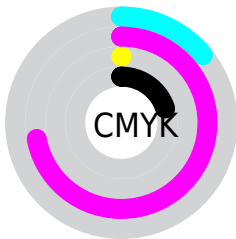
Distribution



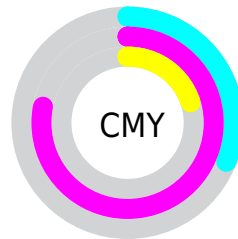
- Red (69%)
- Green (22%)
- Blue (80%)



- Red (69%)
- Yellow (22%)
- Blue (80%)



- Cyan (14%)
- Magenta (72%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (78%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B039CD 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 B039CD by changing the saturation by 10% instead.

 B039CD

 B039CD

FFFFFF

 9315B1

 EB73FF

 770096

 FF8FFF

 5B007B

 FFABFF

 3F0062

 FFC8FF

 250049

 FFE5FF

 000031

 00011B

 000000

 B039CD

 B039CD

■ AC24CD

■ B44DCD

■ A810CD

■ B862CD

■ A500CD

■ BC76CD

■ C08BCD

■ C4A0CD

■ C8B4CD

■ CCC9CD

■ D0DDCD

■ D4F2CD

Harmonies

Analogous

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



0068FB



B039CD



E30089

Triad

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



B039CD



9B6700



008EA5

Complementary

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



B039CD



56CD39

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.



008D59



B039CD



587D00

Square

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



B039CD



CD4000



008800



008CE3

Rectangle

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



B039CD



EB0059



008800



008E8C

Sweetspot

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



B039CD



F4C7FF



3957CD



795E80



000000



808080

Same Dimension

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



B039CD



D421FF



CD39A1



645C66



8500A6



1F0026

Inverse Universe

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



CD3956



FF214D



39CD65



665C5E



A60020



260007

Previews

White Background



This preview shows how the Hex color B039CD looks on a white background.

Color Contrast Check

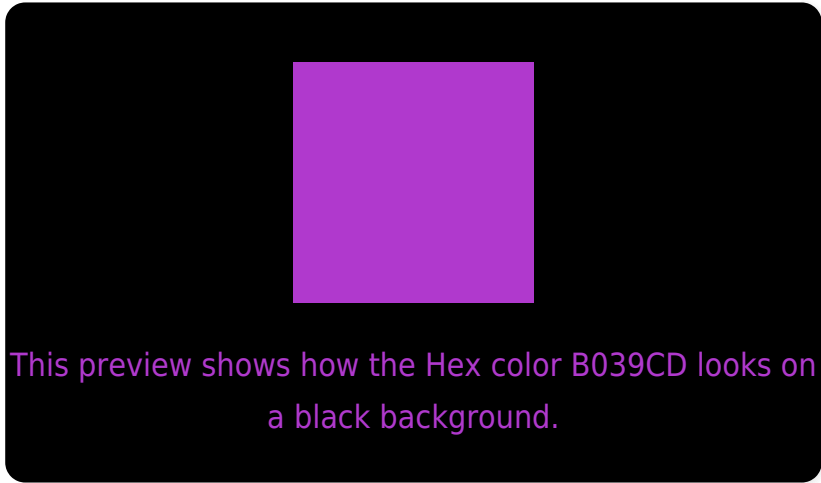
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

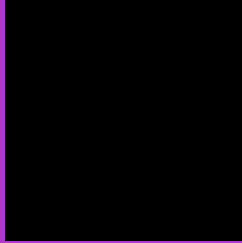
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B039CD Background



This preview shows how black text looks on a background with the Hex color B039CD.

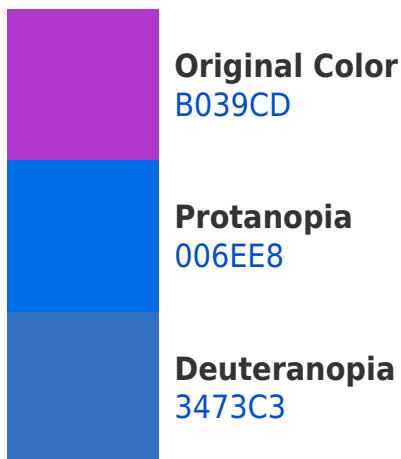



This preview shows how white text looks on a background with the Hex color B039CD.

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](#).

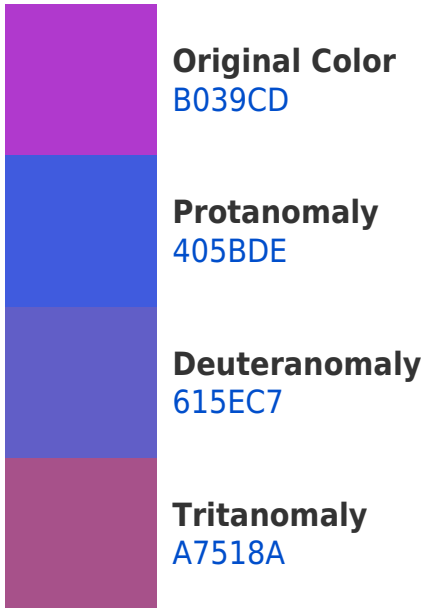
Dichromacy



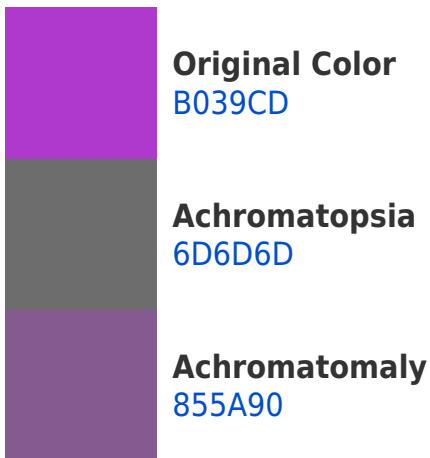


Tritanopia
A25E64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B039CD 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 #B039CD looks like.

```
.text, #text, p{  
    color:#B039CD  
}
```

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 #B039CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B039CD
}
```

Border

The CSS property to change the border of an element to Hex B039CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

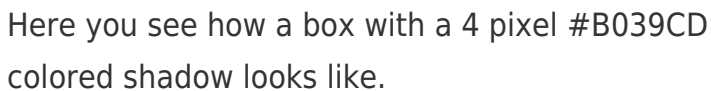
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B039CD }
```

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

```
.border{ border-color:#B039CD }
```

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



Here you see how a box with a 4 pixel #B039CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B039CD; -webkit-box-shadow:4px 4px  
4px 4px #B039CD; box-shadow:4px 4px 4px  
4px #B039CD }
```

Background

The CSS property to change the background color of an element to Hex B039CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B039CD }
```

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

```
.background{ background-color:#B039CD }
```

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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