

Converting Colors

Hex(B39DE2)

Have a look what the booklet for
Hex(B39DE2) contains.

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Color

Hex(B39DE2)

Conversions

Conversions Part 1

Format	Color
Hex	B39DE2
RGB	179, 157, 226
RGB Percent	70%, 62%, 89%
CMY	0.2980, 0.3843, 0.1137
CMYK	0.21, 0.31, 0.00, 0.11
HSL	259°, 54%, 75%
HSV	259°, 31%, 89%
XYZ	44.3748, 39.1886, 77.1769
YIQ	171.4440, -9.0370, 26.1230

Conversions

Conversions Part 2

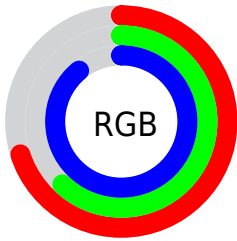
Format	Color
RYB	179, 157, 226
Decimal	11771362
CIELab	68.89, 21.99, -31.96
CIELCh	69, 38.798, 304.526
Yxy	39.1886, 0.2761, 0.2438
Android (android.graphics.Color)	4289961442 (0xFFB39DE2)
YUV	171.4440, 26.8961, 6.6266
Hunter-Lab	62.6008, 16.9790, -29.2746

Details

The Hex color **B39DE2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CCE29D**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **ECD4FF**, and **7D6AAA** is the 20% darker color. If you saturate the color by 10%, you get **A486E2**, and if you desaturate by 10%, it is **C2B4E2**.

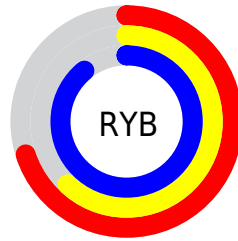
Distribution



Red (70%)

Green (62%)

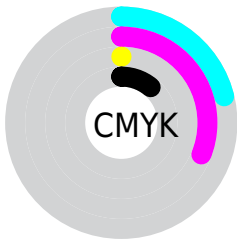
Blue (89%)



Red (70%)

Yellow (62%)

Blue (89%)

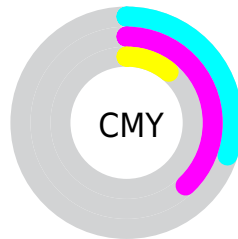


Cyan (21%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B39DE2 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 B39DE2 by changing the saturation by 10% instead.

 B39DE2

 B39DE2

FFFFFF

 9883C6

 ECD4FF

 7D6AAA

 FFF0FF

 635190

 4A3A76

 32245D

 191045

 02002E

 000119

 000000

 B39DE2

 B39DE2

 A486E2

 C2B4E2

 9470E2

 D2CAE2

 8559E2

 E1E1E2

 7543E2

 F1F7E2

 662CE2

 FFFFE2

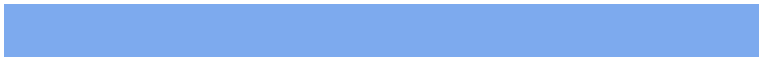
 5715E2

 4800E2

Harmonies

Analogous

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



7DAAEE



B39DE2



D991C7

Triad

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



B39DE2



D89C69



34BBAC

Complementary

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



B39DE2



CCE29D

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.



69B889



B39DE2



BAA861

Square

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



B39DE2



EA9182



94B26D



00B9CF

Rectangle

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



B39DE2



E78DB0



94B26D



48BAA0

Sweetspot

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



B39DE2



EFE8FF



9DCCE2



767180



000000



808080

Same Dimension

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



B39DE2



BFA1FF



D59DE2



696570



3800B0



0F0030

Inverse Universe

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



E29DCC



FFA1E1



AAE29D



70656D



B00078



300021

Previews

White Background



This preview shows how the Hex color B39DE2 looks on a white background.

Color Contrast Check

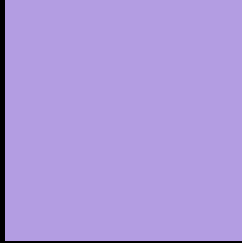
Large Text (above 18pt) WCAG AA × Fail

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 B39DE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

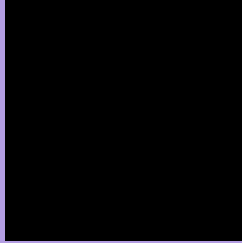
Any Text WCAG AA ✓ Pass

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 B39DE2 Background



This preview shows how black text looks on a background with the Hex color B39DE2.

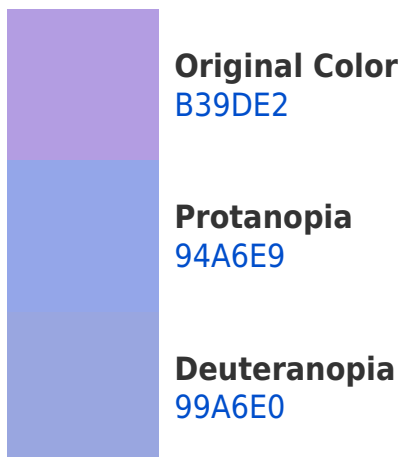


This preview shows how white text looks on a background with the Hex color B39DE2.

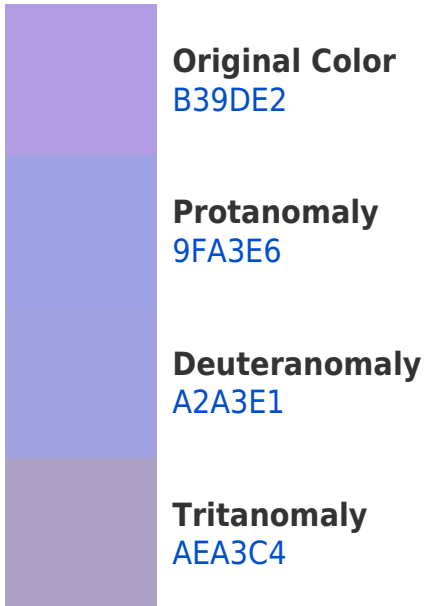
Color Blindness Simulation

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](#).

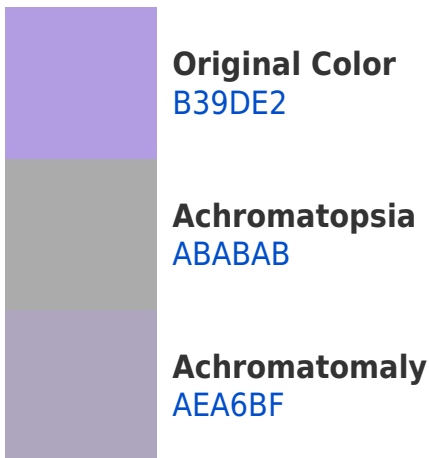
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B39DE2 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 #B39DE2 looks like.

```
.text, #text, p{  
    color:#B39DE2  
}
```

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 #B39DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B39DE2
}
```

Border

The CSS property to change the border of an element to Hex B39DE2 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
#B39DE2 }
```

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

```
.border{ border-color:#B39DE2 }
```

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

Here you see how a box with a 4 pixel #B39DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B39DE2; -webkit-box-shadow:4px 4px  
4px 4px #B39DE2; box-shadow:4px 4px 4px  
4px #B39DE2 }
```

Background

The CSS property to change the background color of an element to Hex B39DE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B39DE2 }
```

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

```
.background{ background-color:#B39DE2 }
```

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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