

# Converting Colors

Hex(B359CF)

Have a look what the booklet for  
Hex(B359CF) contains.

|  |    |
|--|----|
| <b>Hex(B359CF)</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(B359CF)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | B359CF                     |
| RGB           | 179, 89, 207               |
| RGB Percent   | 70%, 35%, 81%              |
| CMY           | 0.2980, 0.6510, 0.1882     |
| CMYK          | 0.14, 0.57, 0.00, 0.19     |
| HSL           | 286°, 55%, 58%             |
| HSV           | 286°, 57%, 81%             |
| XYZ           | 33.4253, 21.2335, 61.3682  |
| YIQ           | 129.3620, 15.7620, 55.7780 |

# Conversions

## Conversions Part 2

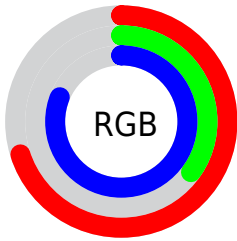
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 179, 89, 207                  |
| Decimal                             | 11753935                      |
| CIE <sub>Lab</sub>                  | 53.20, 54.63, -45.89          |
| CIE <sub>LCh</sub>                  | 53, 71.346, 319.971           |
| Yxy                                 | 21.2335, 0.2881,<br>0.1830    |
| Android<br>(android.graphics.Color) | 4289944015<br>(0xFFB359CF)    |
| YUV                                 | 129.3620, 38.2755,<br>43.5325 |
| Hunter-Lab                          | 46.0798, 48.8404,<br>-46.7056 |

# Details

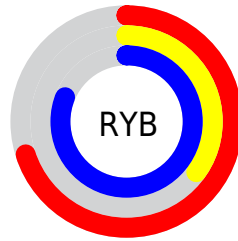
The Hex color **B359CF** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **75CF59**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **ED8FFF**, and **7B2298** is the 20% darker color. If you saturate the color by 10%, you get **AE44CF**, and if you desaturate by 10%, it is **B86ECF**.

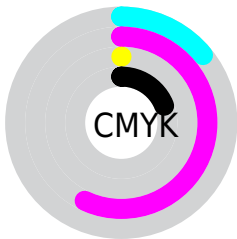
# Distribution



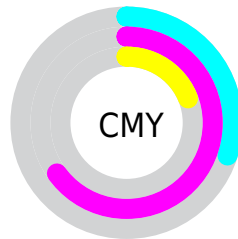
- Red (70%)
- Green (35%)
- Blue (81%)



- Red (70%)
- Yellow (35%)
- Blue (81%)



- Cyan (14%)
- Magenta (57%)
- Yellow (0%)
- Black (19%)



- Cyan (30%)
- Magenta (65%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B359CF 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 B359CF by changing the saturation by 10% instead.



 B359CF

 B359CF

FFFFFF

 973EB3

 ED8FFF

 7B2298

 FFABFF

 60007E

 FFC7FF

 450064

 FFE4FF

 2C004B

 0D0034

 00021E

 000000

 B359CF

 B359CF

 AE44CF

 B86ECF

 A930CF

 BD82CF

 A41BCF

 C297CF

 9F06CF

 C7ACCF

 9E00CF

 CCC1CF

 D0D5CF

 D5EACF

 DAFFCF

 DFFFCF

# Harmonies

## Analogous

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



4678F4



B359CF



E13A96

# Triad

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



B359CF



AB7500



009AA7

# Complementary

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



B359CF



75CF59

# 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.



009968



B359CF



738800

# Square

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



B359CF



D4591E



0B9426



0097DD

# Rectangle

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



B359CF



EA366D



0B9426



009A93



# Sweetspot

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



B359CF



F5D4FF



5977CF



796680



000000



808080



# Same Dimension

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



B359CF



D652FF



CF59B2



665E69



8000A8



1F0029



# Inverse Universe

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



CF5975



FF527B



59CF77



695E61



A80028

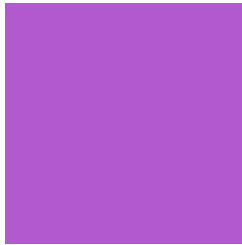


29000A



# Previews

## White Background



This preview shows how the Hex color B359CF looks on a white background.

## Color Contrast Check

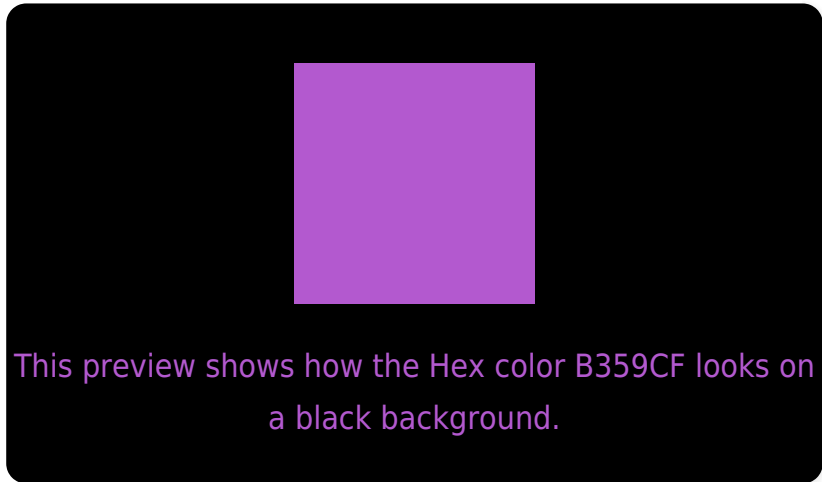
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

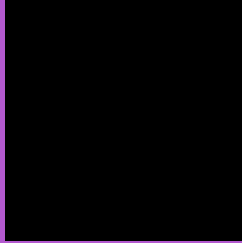
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B359CF Background



This preview shows how black text looks on a background with the Hex color B359CF.



This preview shows how white text looks on a background with the Hex color B359CF.

# 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](#).

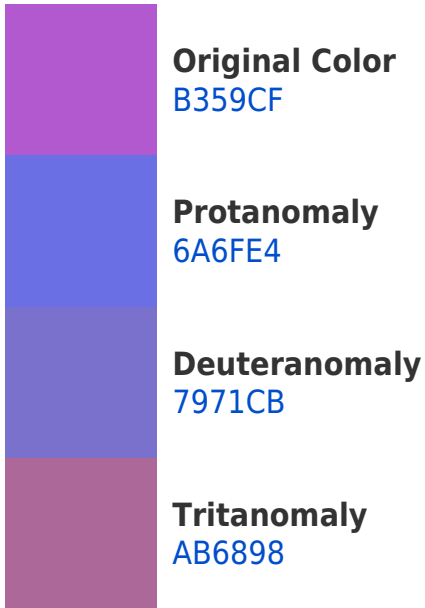
## Dichromacy





**Tritanopia**  
A77079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B359CF 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 #B359CF looks like.

```
.text, #text, p{  
    color:#B359CF  
}
```

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 #B359CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B359CF
}
```

## Border

The CSS property to change the border of an element to Hex B359CF 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
#B359CF }
```

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

```
.border{ border-color:#B359CF }
```

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

Here you see how a box with a 4 pixel #B359CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B359CF; -webkit-box-shadow:4px 4px  
4px 4px #B359CF; box-shadow:4px 4px 4px  
4px #B359CF }
```

# Background

The CSS property to change the background color of an element to Hex B359CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B359CF }
```

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

```
.background{ background-color:#B359CF }
```

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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