

# Converting Colors

Hex(B359B1)

Have a look what the booklet for  
Hex(B359B1) contains.

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**Color**

**Hex(B359B1)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | B359B1                     |
| RGB         | 179, 89, 177               |
| RGB Percent | 70%, 35%, 69%              |
| CMY         | 0.2980, 0.6510, 0.3059     |
| CMYK        | 0.00, 0.50, 0.01, 0.30     |
| HSL         | 301°, 37%, 53%             |
| HSV         | 301°, 50%, 70%             |
| XYZ         | 30.0986, 19.9028, 43.8502  |
| YIQ         | 125.9420, 25.3920, 46.4480 |

# Conversions

## Conversions Part 2

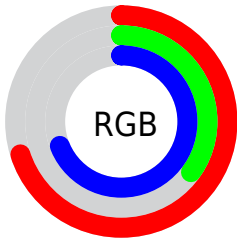
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 179, 89, 177                  |
| Decimal                             | 11753905                      |
| CIELab                              | 51.73, 48.88, -30.92          |
| CIELCh                              | 52, 57.839, 327.679           |
| Yxy                                 | 19.9028, 0.3207,<br>0.2121    |
| Android<br>(android.graphics.Color) | 4289943985<br>(0xFFB359B1)    |
| YUV                                 | 125.9420, 25.1716,<br>46.5319 |
| Hunter-Lab                          | 44.6125, 42.3561,<br>-27.0481 |

# Details

The Hex color **B359B1** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **59B35B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ED8EE9**, and **7C247C** is the 20% darker color. If you saturate the color by 10%, you get **B347B1**, and if you desaturate by 10%, it is **B36BB1**.

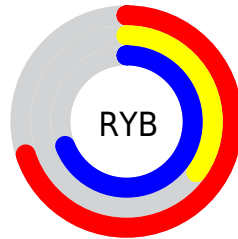
# Distribution



Red (70%)

Green (35%)

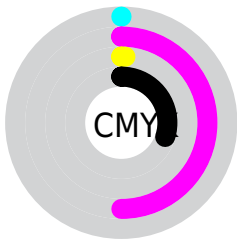
Blue (69%)



Red (70%)

Yellow (35%)

Blue (69%)

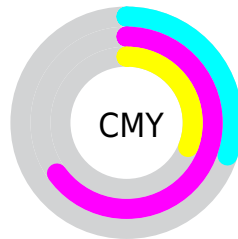


Cyan (0%)

Magenta (50%)

Yellow (1%)

Black (30%)



Cyan (30%)

Magenta (65%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B359B1 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 B359B1 by changing the saturation by 10% instead.



 B359B1

 B359B1

FFFFFF

 973F96

 ED8EE9

 7C247C

 FFAAFF

 610063

 FFC6FF

 47004B

 FFE3FF

 300034

 0E001E

 000000

 B359B1

 B359B1

 B347B1

 B36BB1

 B335B0

 B37DB2

 B323B0

 B38FB2

 B311AF

 B3A1B3

 B300AF

 B3B3B3

 B3C4B3

 B3D6B4

 B3E8B4

 B3FAB5

# Harmonies

## Analogous

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



7370D4



B359B1



D04A81

# Triad

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



B359B1



977800



0092A8

# Complementary

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



B359B1



59B35B

# 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.



009276



B359B1



668616

# Square

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



B359B1



BC6425



0F8E43



008DCF

# Rectangle

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



B359B1



D44B60



0F8E43



009298



# Sweetspot

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



B359B1



E8C5E7



5A59B3



756075



F5F5F5



757575



# Same Dimension

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



B359B1



E85DE5



B35984



595059



990096



1A0019



# Inverse Universe

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



B359B1



E85DE5



59B387



595059



990096



1A0019



# Previews

## White Background



This preview shows how the Hex color B359B1 looks on a white background.

## Color Contrast Check

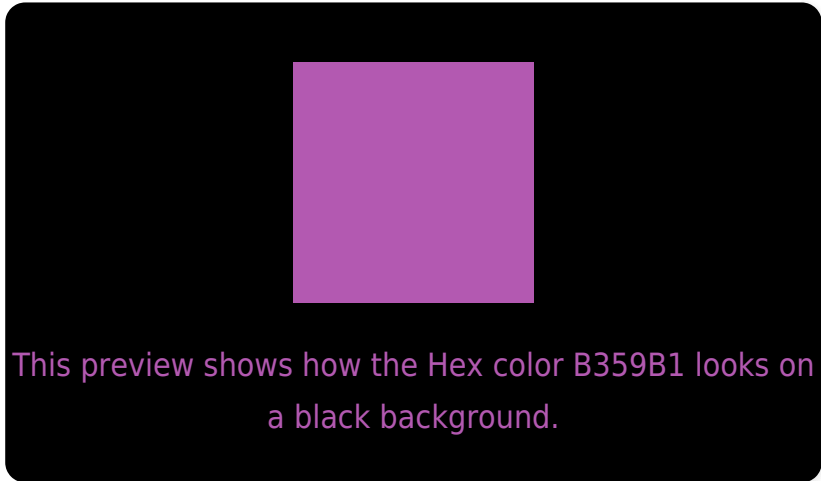
Large Text (above 18pt) WCAG AA ✓ Pass

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

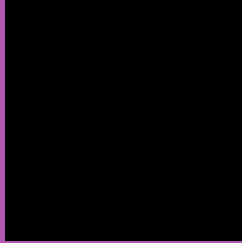
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B359B1 Background



This preview shows how black text looks on a background with the Hex color B359B1.

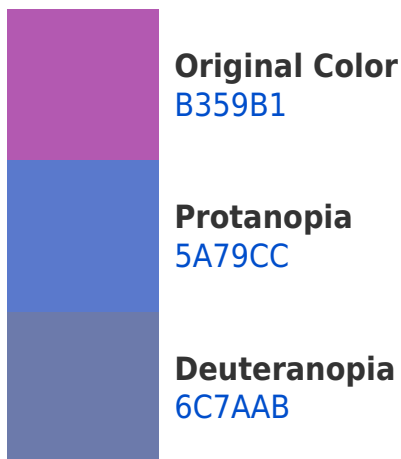


This preview shows how white text looks on a background with the Hex color B359B1.

# 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**  
AB6970

# Trichromacy



**Original Color**  
B359B1



**Protanomaly**  
7A6DC2



**Deuteranomaly**  
866EAD



**Tritanomaly**  
AE6388

# Monochromacy



**Original Color**  
B359B1



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
917191

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B359B1 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 #B359B1 looks like.

```
.text, #text, p{  
    color:#B359B1  
}
```

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 #B359B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B359B1
}
```

## Border

The CSS property to change the border of an element to Hex B359B1 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
#B359B1 }
```

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

```
.border{ border-color:#B359B1 }
```

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

Here you see how a box with a 4 pixel #B359B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B359B1; -webkit-box-shadow:4px 4px  
4px 4px #B359B1; box-shadow:4px 4px 4px  
4px #B359B1 }
```

# Background

The CSS property to change the background color of an element to Hex B359B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B359B1 }
```

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

```
.background{ background-color:#B359B1 }
```

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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