

# Converting Colors

Hex(B3358F)

Have a look what the booklet for  
Hex(B3358F) contains.

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# Color

Hex(B3358F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B3358F
RGB	179, 53, 143
RGB Percent	70%, 21%, 56%
CMY	0.2980, 0.7922, 0.4392
CMYK	0.00, 0.70, 0.20, 0.30
HSL	317°, 54%, 45%
HSV	317°, 70%, 70%
XYZ	24.8214, 14.1131, 27.4025
YIQ	100.9340, 46.2060, 54.7020

# Conversions

## Conversions Part 2

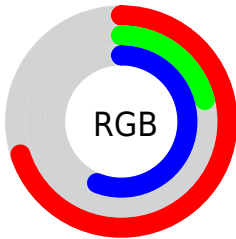
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 53, 143
Decimal	11744655
CIE <sub>Lab</sub>	44.39, 59.27, -22.14
CIE <sub>LCh</sub>	44, 63.274, 339.515
Yxy	14.1131, 0.3742, 0.2127
Android (android.graphics.Color)	4289934735 (0xFFB3358F)
YUV	100.9340, 20.7385, 68.4639
Hunter-Lab	37.5674, 52.1952, -16.9502

# Details

The Hex color **B3358F** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **35B359**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **EE6EC5**, and **7A005C** is the 20% darker color. If you saturate the color by 10%, you get **B3238A**, and if you desaturate by 10%, it is **B34794**.

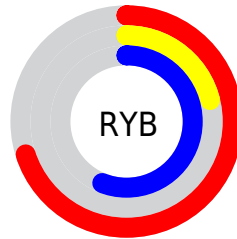
# Distribution



Red (70%)

Green (21%)

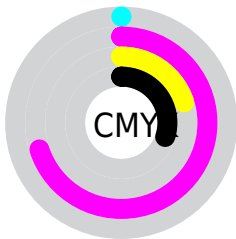
Blue (56%)



Red (70%)

Yellow (21%)

Blue (56%)

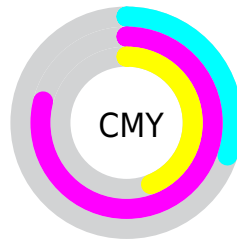


Cyan (0%)

Magenta (70%)

Yellow (20%)

Black (30%)



Cyan (30%)

Magenta (79%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3358F 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 B3358F by changing the saturation by 10% instead.



 B3358F

 B3358F

FFFFFF

 961175

 EE6EC5

 7A005C

 FF8AE1

 5F0045

 FFA6FE

 44002E

 FFC2FF

 2A0019

 FFDFFF

 000000

 FFFDFF

 B3358F

 B3358F

 B3238A

 B34794

 B31185

 B35999

 B30080

 B36B9E

 B37DA3

 B38FA9

 B3A0AE

 B3B2B3

 B3C4B8

 B3D6BD

# Harmonies

## Analogous

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



7E52BB



B3358F



C5295B

# Triad

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



B3358F



706C00



007FAB

# Complementary

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



B3358F



35B359

# 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.



008079



B3358F



347800

# Square

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



B3358F



9C5900



007E42



0079CC

# Rectangle

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



B3358F



C03539



007E42



00809C



# Sweetspot

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



B3358F



E8B7DA



5935B3



75586D



F5F5F5



757575



# Same Dimension

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



B3358F



E825B0



B33550



595057



99006D



1A0012



# Inverse Universe

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



B3358F



E825B0



35B398



595057



99006D



1A0012



# Previews

## White Background



This preview shows how the Hex color B3358F looks on a white background.

## Color Contrast Check

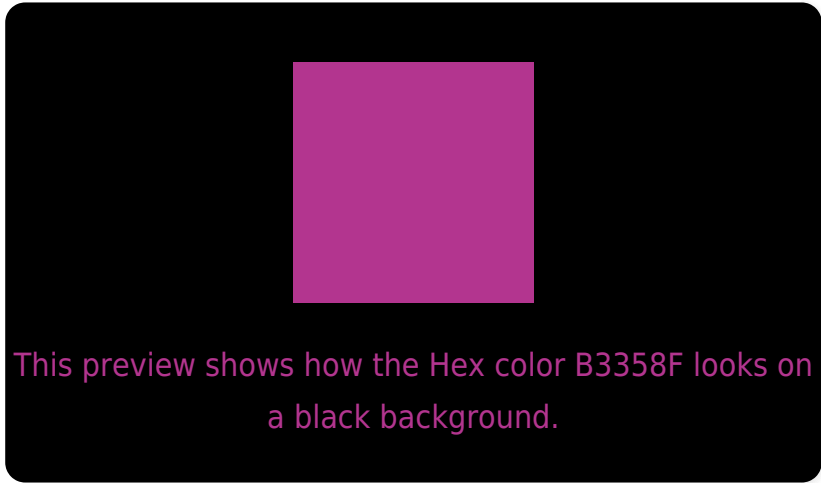
Large Text (above 18pt) WCAG AA ✓ Pass

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

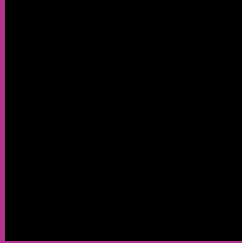
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B3358F Background



This preview shows how black text looks on a background with the Hex color B3358F.



This preview shows how white text looks on a background with the Hex color B3358F.

# 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



**Original Color**  
B3358F



**Protanomaly**  
6E55A8



**Deuteranomaly**  
81558B



**Tritanomaly**  
AF4165

# Monochromacy



**Original Color**  
B3358F



**Achromatopsia**  
656565



**Achromatomaly**  
815474

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3358F 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 #B3358F looks like.

```
.text, #text, p{  
    color:#B3358F  
}
```

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 #B3358F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3358F
}
```

## Border

The CSS property to change the border of an element to Hex B3358F is called "border". The border property can be set on classes, ids or directly on the HTML element.

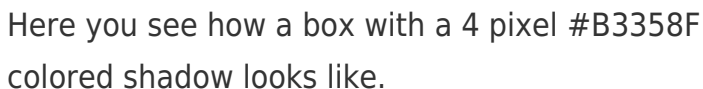
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3358F }
```

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

```
.border{ border-color:#B3358F }
```

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



Here you see how a box with a 4 pixel `#B3358F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3358F; -webkit-box-shadow:4px 4px  
4px 4px #B3358F; box-shadow:4px 4px 4px  
4px #B3358F }
```

# Background

The CSS property to change the background color of an element to Hex B3358F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3358F }
```

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

```
.background{ background-color:#B3358F }
```

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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