

Converting Colors

Hex(B0358E)

Have a look what the booklet for
Hex(B0358E) contains.

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Color

Hex(B0358E)

Conversions

Conversions Part 1

Format	Color
Hex	B0358E
RGB	176, 53, 142
RGB Percent	69%, 21%, 56%
CMY	0.3098, 0.7922, 0.4431
CMYK	0.00, 0.70, 0.19, 0.31
HSL	317°, 54%, 45%
HSV	317°, 70%, 69%
XYZ	24.0601, 13.7293, 26.9731
YIQ	99.9230, 44.7390, 53.7550

Conversions

Conversions Part 2

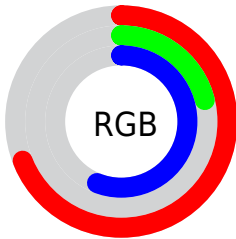
Format	Color
R _Y B	176, 53, 142
Decimal	11548046
CIE Lab	43.84, 58.35, -22.43
CIE LCh	44, 62.516, 338.972
Yxy	13.7293, 0.3715, 0.2120
Android (android.graphics.Color)	4289738126 (0xFFB0358E)
YUV	99.9230, 20.7440, 66.7195
Hunter-Lab	37.0531, 51.0645, -17.2235

Details

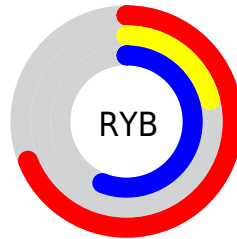
The Hex color **B0358E** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **35B057**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **EB6EC4**, and **78005B** is the 20% darker color. If you saturate the color by 10%, you get **B02389**, and if you desaturate by 10%, it is **B04793**.

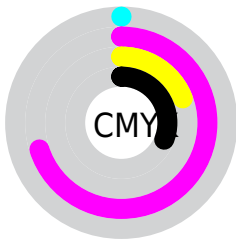
Distribution



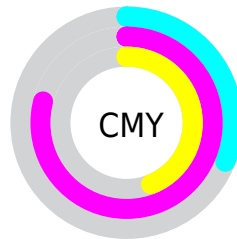
- Red (69%)
- Green (21%)
- Blue (56%)



- Red (69%)
- Yellow (21%)
- Blue (56%)



- Cyan (0%)
- Magenta (70%)
- Yellow (19%)
- Black (31%)



- Cyan (31%)
- Magenta (79%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0358E 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 B0358E by changing the saturation by 10% instead.

 B0358E

 B0358E

FFFFFF

 941174

 EB6EC4

 78005B

 FF89E0

 5C0044

 FFA5FD

 42002D

 FFC2FF

 280018

 FFDFFF

 000000

 FFFCFF

 B0358E

 B0358E

 B02389

 B04793

 B01284

 B05898

 B0007F

 B06A9D

 B07BA1

 B08DA6

 B09FAB

 B0B0B0

 B0C2B5

 B0D3BA

Harmonies

Analogous

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



7B52B9



B0358E



C2285A

Triad

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



B0358E



706A00



007DA8

Complementary

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



B0358E



35B057

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.



007E76



B0358E



357600

Square

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



B0358E



9B5700



007C40



0077C9

Rectangle

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



B0358E



BE3439



007C40



007E99

Sweetspot

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



B0358E



E6B5D8



5635B0



73566B



F2F2F2



737373

Same Dimension

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



B0358E



E625B0



B03552



595057



99006F



1A0012

Inverse Universe

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



B0358E



E625B0



35B093



595057



99006F



1A0012

Previews

White Background



This preview shows how the Hex color B0358E looks on a white background.

Color Contrast Check

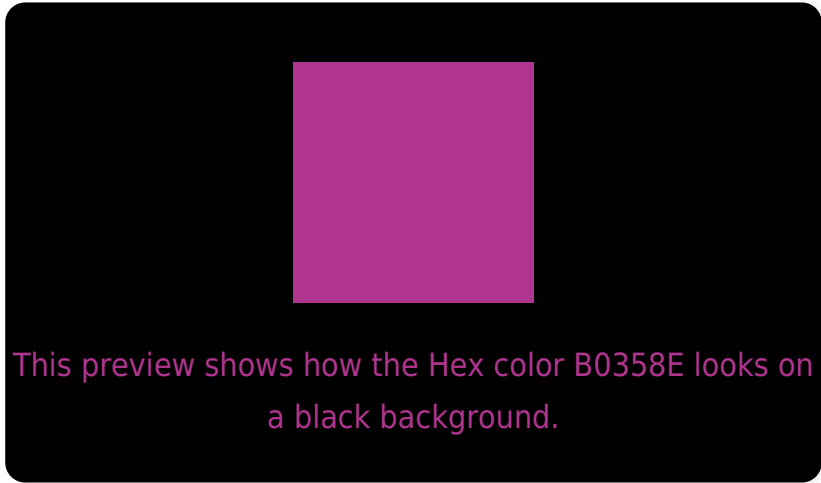
Large Text (above 18pt) WCAG AA ✓ Pass

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

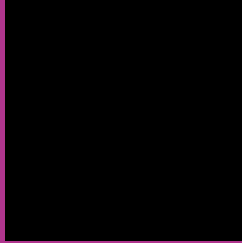
Any Text WCAG AA × Fail

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 B0358E Background



This preview shows how black text looks on a background with the Hex color B0358E.




This preview shows how white text looks on a background with the Hex color B0358E.

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
AA484D

Trichromacy



Original Color
B0358E



Protanomaly
6C54A7



Deuteranomaly
7E558A



Tritanomaly
AC4165

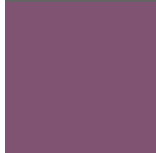
Monochromacy



Original Color
B0358E



Achromatopsia
646464



Achromatomaly
805373

CSS Examples

Text

The CSS property to change the color of the text to Hex B0358E 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 #B0358E looks like.

```
.text, #text, p{  
    color:#B0358E  
}
```

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 #B0358E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0358E
}
```

Border

The CSS property to change the border of an element to Hex B0358E is called "border". The border property can be set on classes, ids or directly on the HTML element.

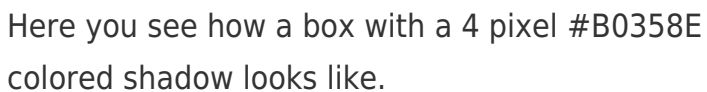
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0358E }
```

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

```
.border{ border-color:#B0358E }
```

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



Here you see how a box with a 4 pixel #B0358E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0358E; -webkit-box-shadow:4px 4px  
4px 4px #B0358E; box-shadow:4px 4px 4px  
4px #B0358E }
```

Background

The CSS property to change the background color of an element to Hex B0358E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0358E }
```

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

```
.background{ background-color:#B0358E }
```

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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