

# Converting Colors

Hex(BE338B)

Have a look what the booklet for  
Hex(BE338B) contains.

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# Color

**Hex(BE338B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE338B
RGB	190, 51, 139
RGB Percent	75%, 20%, 55%
CMY	0.2549, 0.8000, 0.4549
CMYK	0.00, 0.73, 0.27, 0.25
HSL	322°, 58%, 47%
HSV	322°, 73%, 75%
XYZ	27.0792, 15.1789, 25.9287
YIQ	102.5930, 54.5960, 56.8360

# Conversions

## Conversions Part 2

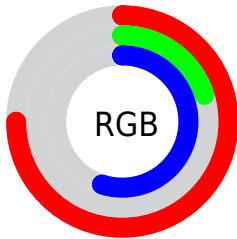
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 51, 139
Decimal	12465035
CIE <sub>Lab</sub>	45.88, 62.29, -17.28
CIE <sub>LCh</sub>	46, 64.641, 344.495
Yxy	15.1789, 0.3971, 0.2226
Android (android.graphics.Color)	4290655115 (0xFFBE338B)
YUV	102.5930, 17.9487, 76.6559
Hunter-Lab	38.9601, 55.8864, -12.1866

# Details

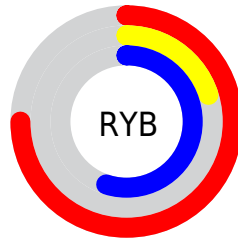
The Hex color **BE338B** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **33BE66**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FA6EC1**, and **840059** is the 20% darker color. If you saturate the color by 10%, you get **BE2084**, and if you desaturate by 10%, it is **BE4692**.

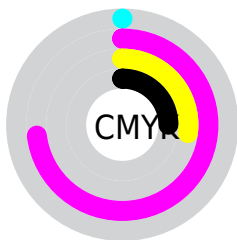
# Distribution



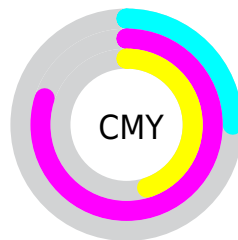
- Red (75%)
- Green (20%)
- Blue (55%)



- Red (75%)
- Yellow (20%)
- Blue (55%)



- Cyan (0%)
- Magenta (73%)
- Yellow (27%)
- Black (25%)



- Cyan (25%)
- Magenta (80%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE338B 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 BE338B by changing the saturation by 10% instead.



 BE338B

 BE338B

FFFFFF

 A10871

 FA6EC1

 840059

 FF8ADD

 680041

 FFA6F9

 4D002B

 FFC3FF

 320016

 FFE0FF

 040000

FFFEFF

 000000

 BE338B

 BE338B

 BE2084

 BE4692

 BE0D7D

 BE5999

 BE0078

 BE6CA0

 BE7FA7

 BE92AE

 BEA5B5

 BEB8BC

 BECBC3

 BEDECA

# Harmonies

## Analogous

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



8F50BB



BE338B



CB2D55

# Triad

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



BE338B



6B7200



0083B8

# Complementary

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



BE338B



33BE66

# 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.



008486



BE338B



267D11

# Square

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



BE338B



9A6000



00834E



007BD6

# Rectangle

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



BE338B



C43C32



00834E



0084A9



# Sweetspot

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



BE338B



F7C1E3



6633BE



7D5C71



FCFCFC



7D7D7D



# Same Dimension

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



BE338B



F71EA7



BE3346



5E555B



9E0064



1F0013



# Inverse Universe

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



BE338B



F71EA7



33BEAB



5E555B



9E0064



1F0013



# Previews

## White Background



This preview shows how the Hex color BE338B looks on a white background.

## Color Contrast Check

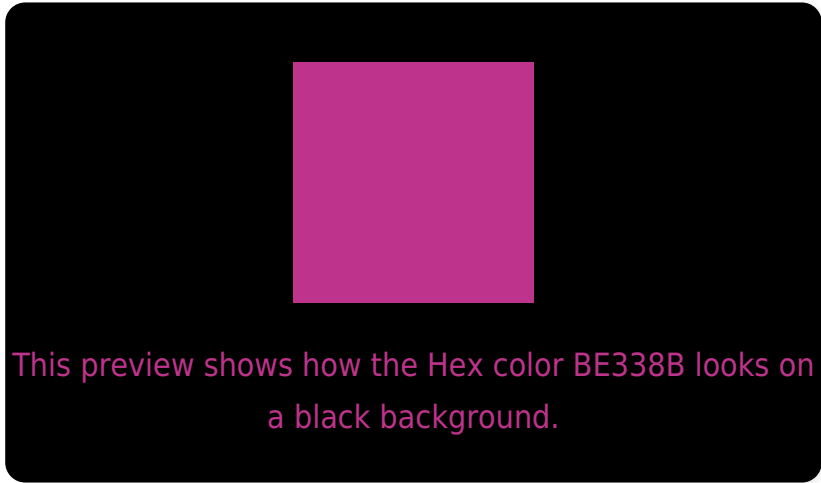
Large Text (above 18pt) WCAG AA ✓ Pass

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

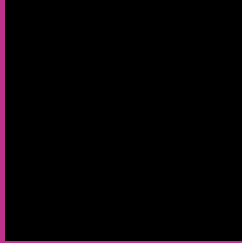
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BE338B Background



This preview shows how black text looks on a background with the Hex color BE338B.



This preview shows how white text looks on a background with the Hex color BE338B.

# 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**  
B9464A

# Trichromacy



**Original Color**  
BE338B



**Protanomaly**  
7757A6



**Deuteranomaly**  
8A5786

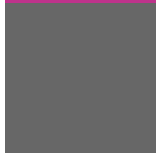


**Tritanomaly**  
BB3F62

# Monochromacy



**Original Color**  
BE338B



**Achromatopsia**  
676767



**Achromatomaly**  
875474

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE338B 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 #BE338B looks like.

```
.text, #text, p{  
    color:#BE338B  
}
```

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 #BE338B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE338B
}
```

## Border

The CSS property to change the border of an element to Hex BE338B 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
#BE338B }
```

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

```
.border{ border-color:#BE338B }
```

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

Here you see how a box with a 4 pixel #BE338B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE338B; -webkit-box-shadow:4px 4px  
4px 4px #BE338B; box-shadow:4px 4px 4px  
4px #BE338B }
```

# Background

The CSS property to change the background color of an element to Hex BE338B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE338B }
```

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

```
.background{ background-color:#BE338B }
```

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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