

Converting Colors

Hex(BB3E9E)

Have a look what the booklet for
Hex(BB3E9E) contains.

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Color

Hex(BB3E9E)

Conversions

Conversions Part 1

Format	Color
Hex	BB3E9E
RGB	187, 62, 158
RGB Percent	73%, 24%, 62%
CMY	0.2667, 0.7569, 0.3804
CMYK	0.00, 0.67, 0.16, 0.27
HSL	314°, 50%, 49%
HSV	314°, 67%, 73%
XYZ	28.3877, 16.4787, 34.0323
YIQ	110.3190, 43.6840, 56.3560

Conversions

Conversions Part 2

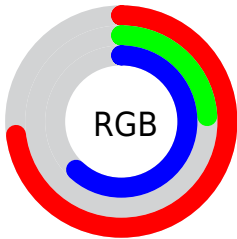
Format	Color
R_{YB}	187, 62, 158
Decimal	12271262
CIE _{Lab}	47.60, 60.10, -26.08
CIE _{LCh}	48, 65.514, 336.541
Yxy	16.4787, 0.3598, 0.2089
Android (android.graphics.Color)	4290461342 (0xFFBB3E9E)
YUV	110.3190, 23.5067, 67.2492
Hunter-Lab	40.5939, 53.7873, -21.2905

Details

The Hex color **BB3E9E** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **3EBB5B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **F676D5**, and **82006A** is the 20% darker color. If you saturate the color by 10%, you get **BB2B9A**, and if you desaturate by 10%, it is **BB51A2**.

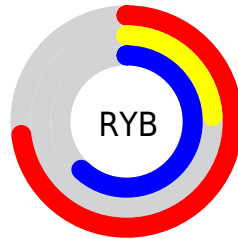
Distribution



Red (73%)

Green (24%)

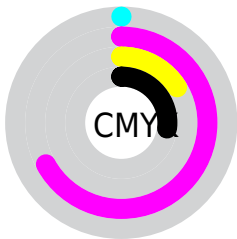
Blue (62%)



Red (73%)

Yellow (24%)

Blue (62%)

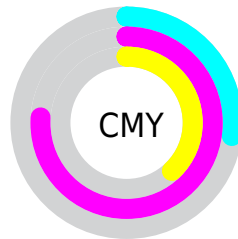


Cyan (0%)

Magenta (67%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (76%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB3E9E 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 BB3E9E by changing the saturation by 10% instead.

 BB3E9E

 BB3E9E

FFFFFF

 9E1E84

 F676D5

 82006A

 FF92F1

 670052

 FFAFFF

 4B003A

 FFCBFF

 330025

 FFE9FF

 0C000C

 000000

 BB3E9E

 BB3E9E

 BB2B9A

 BB51A2

 BB1995

 BB63A7

 BB0691

 BB76AB

 BB0090

 BB89AF

 BB9CB4

 BBAEB8

 BBC1BC

 BBD4C1

 BBE6C5

Harmonies

Analogous

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



7F5CCB



BB3E9E



D12E67

Triad

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



BB3E9E



7E7300



0088B2

Complementary

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



BB3E9E



3EBB5B

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.



00897C



BB3E9E



428000

Square

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



BB3E9E



AB5D00



008642



0082D7

Rectangle

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



BB3E9E



CE3943



008642



0089A1

Sweetspot

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



BB3E9E



F2C2E7



593EBB



7A5D74



FAFAFA



7A7A7A

Same Dimension

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



BB3E9E



F230C5



BB3E61



5E555C



9E0079



1F0018

Inverse Universe

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



BB3E9E



F230C5



3EBB98



5E555C



9E0079



1F0018

Previews

White Background



This preview shows how the Hex color BB3E9E looks on a white background.

Color Contrast Check

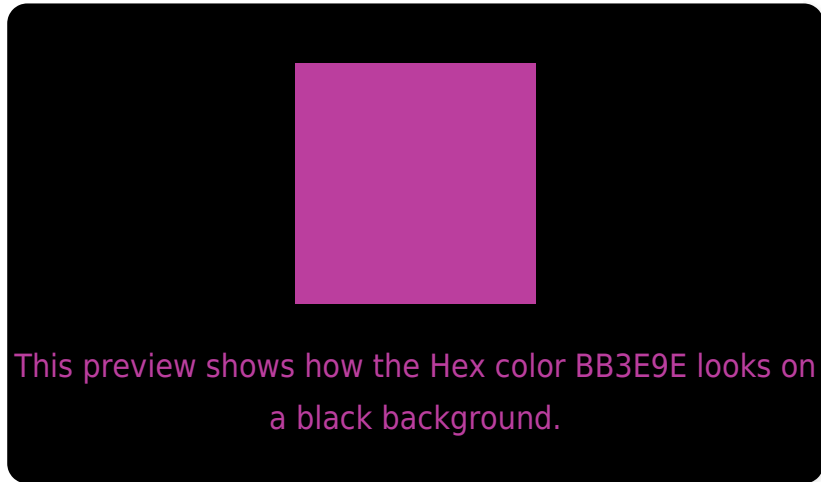
Large Text (above 18pt) WCAG AA ✓ Pass

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

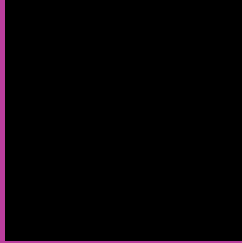
Any Text WCAG AA × Fail

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 BB3E9E Background



This preview shows how black text looks on a background with the Hex color BB3E9E.




This preview shows how white text looks on a background with the Hex color BB3E9E.

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
B45258

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB3E9E 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 #BB3E9E looks like.

```
.text, #text, p{  
    color:#BB3E9E  
}
```

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 #BB3E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB3E9E
}
```

Border

The CSS property to change the border of an element to Hex BB3E9E 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
#BB3E9E }
```

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

```
.border{ border-color:#BB3E9E }
```

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

Here you see how a box with a 4 pixel #BB3E9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB3E9E; -webkit-box-shadow:4px 4px  
4px 4px #BB3E9E; box-shadow:4px 4px 4px  
4px #BB3E9E }
```

Background

The CSS property to change the background color of an element to Hex BB3E9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB3E9E }
```

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

```
.background{ background-color:#BB3E9E }
```

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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