

# Converting Colors

Hex(BB3F6E)

Have a look what the booklet for  
Hex(BB3F6E) contains.

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# Color

**Hex(BB3F6E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB3F6E
RGB	187, 63, 110
RGB Percent	73%, 25%, 43%
CMY	0.2667, 0.7529, 0.5686
CMYK	0.00, 0.66, 0.41, 0.27
HSL	337°, 50%, 49%
HSV	337°, 66%, 73%
XYZ	25.0855, 15.2456, 16.3724
YIQ	105.4340, 58.8170, 40.9050

# Conversions

## Conversions Part 2

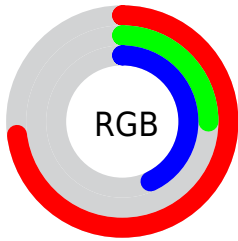
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 63, 110
Decimal	12271470
CIE <sub>Lab</sub>	45.97, 53.62, 0.49
CIE <sub>LCh</sub>	46, 53.619, 0.524
Yxy	15.2456, 0.4424, 0.2689
Android (android.graphics.Color)	4290461550 (0xFFBB3F6E)
YUV	105.4340, 2.2510, 71.5334
Hunter-Lab	39.0456, 46.3504, 2.4708

# Details

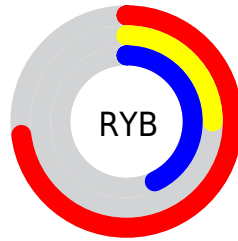
The Hex color **BB3F6E** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **3FBB8C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F776A1**, and **81003F** is the 20% darker color. If you saturate the color by 10%, you get **BB2C62**, and if you desaturate by 10%, it is **BB527A**.

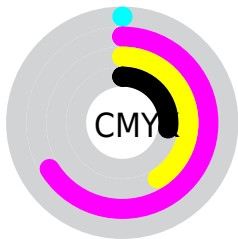
# Distribution



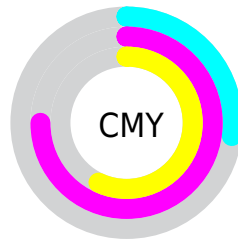
- Red (73%)
- Green (25%)
- Blue (43%)



- Red (73%)
- Yellow (25%)
- Blue (43%)



- Cyan (0%)
- Magenta (66%)
- Yellow (41%)
- Black (27%)



- Cyan (27%)
- Magenta (75%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB3F6E 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 BB3F6E by changing the saturation by 10% instead.



 BB3F6E

 BB3F6E

FFFFFF

 9E2156

 F776A1

 81003F

 FF92BC

 650029

 FFAED8

 490015

 FFCAF5

 2F0002

 FFE7FF

 000000

 BB3F6E

 BB3F6E

 BB2C62

 BB527A

 BB1A57

 BB6485

 BB074B

 BB7791

 BB0047

 BB8A9C

 BB9CA8

 BBAFB4

 BBC2BF

 BBD5CB

 BBE7D7

# Harmonies

## Analogous

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



A34C9A



BB3F6E



BA4742

# Triad

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



BB3F6E



557714



007DBB

# Complementary

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



BB3F6E



3FBB8C

# 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.



008199



BB3F6E



007E3E

# Square

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



BB3F6E



826B00



00816C



0072C7

# Rectangle

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



BB3F6E



AD5328



00816C



007FB2



# Sweetspot

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



BB3F6E



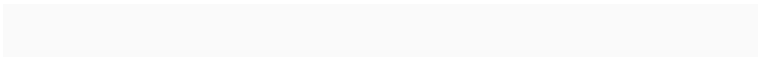
F2C2D4



8B3FBB



7A5D68



FAFAFA



7A7A7A



# Same Dimension

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



BB3F6E



F2307A



BB4D3F



5E5558



9E003C



1F000C



# Inverse Universe

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



BB3F6E



F2307A



3FADBB



5E5558



9E003C



1F000C



# Previews

## White Background



This preview shows how the Hex color BB3F6E looks on a white background.

## Color Contrast Check

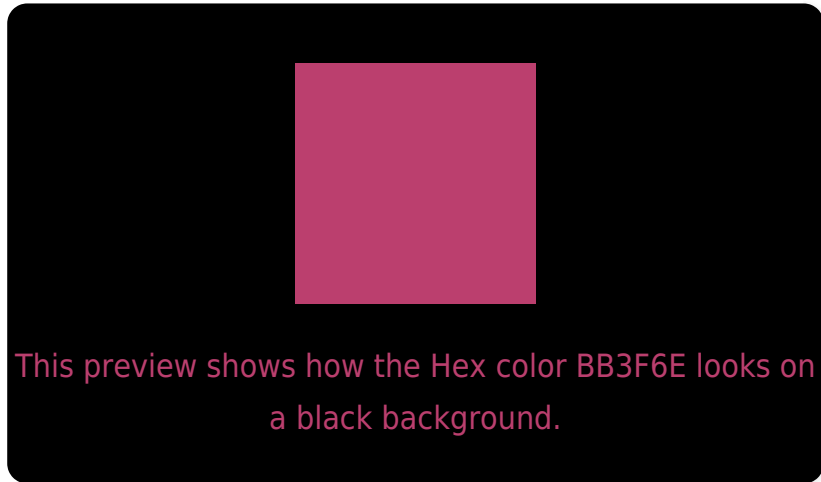
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB3F6E Background



This preview shows how black text looks on a background with the Hex color BB3F6E.



This preview shows how white text looks on a background with the Hex color BB3F6E.

# 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**  
B9474B

# Trichromacy



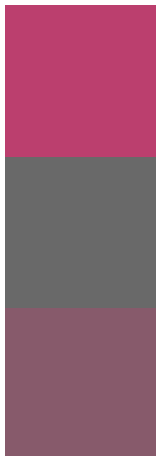
**Original Color**  
BB3F6E

**Protanomaly**  
855C80

**Deuteranomaly**  
925A6A

**Tritanomaly**  
BA4458

# Monochromacy



**Original Color**  
BB3F6E

**Achromatopsia**  
696969

**Achromatomaly**  
875A6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB3F6E 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 #BB3F6E looks like.

```
.text, #text, p{  
    color:#BB3F6E  
}
```

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 #BB3F6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB3F6E
}
```

## Border

The CSS property to change the border of an element to Hex BB3F6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

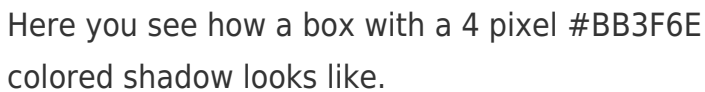
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB3F6E }
```

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

```
.border{ border-color:#BB3F6E }
```

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



Here you see how a box with a 4 pixel #BB3F6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB3F6E; -webkit-box-shadow:4px 4px  
4px 4px #BB3F6E; box-shadow:4px 4px 4px  
4px #BB3F6E }
```

# Background

The CSS property to change the background color of an element to Hex BB3F6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB3F6E }
```

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

```
.background{ background-color:#BB3F6E }
```

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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