

# Converting Colors

Hex(BB0350)

Have a look what the booklet for  
Hex(BB0350) contains.

<b>Hex(BB0350)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(BB0350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB0350
RGB	187, 3, 80
RGB Percent	73%, 1%, 31%
CMY	0.2667, 0.9882, 0.6863
CMYK	0.00, 0.98, 0.57, 0.27
HSL	335°, 97%, 37%
HSV	335°, 98%, 73%
XYZ	21.9740, 11.2091, 8.5948
YIQ	66.7940, 84.9470, 62.9550

# Conversions

## Conversions Part 2

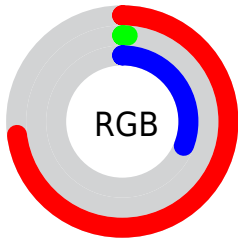
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 3, 80
Decimal	12256080
CIELab	39.93, 65.79, 10.64
CIElCh	40, 66.649, 9.184
Yxy	11.2091, 0.5260, 0.2683
Android (android.graphics.Color)	4290446160 (0xFFBB0350)
YUV	66.7940, 6.5106, 105.4207
Hunter-Lab	33.4800, 58.5655, 8.2154

# Details

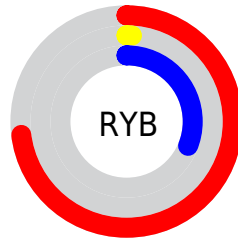
The Hex color **BB0350** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **03BB6E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **F95481**, and **7E0024** is the 20% darker color. If you saturate the color by 10%, you get **BB004E**, and if you desaturate by 10%, it is **BB165B**.

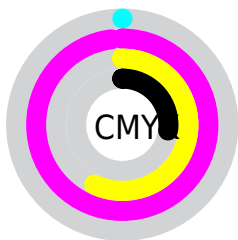
# Distribution



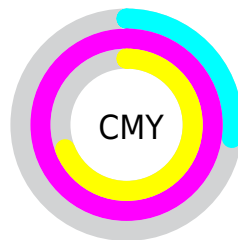
- Red (73%)
- Green (1%)
- Blue (31%)



- Red (73%)
- Yellow (1%)
- Blue (31%)



- Cyan (0%)
- Magenta (98%)
- Yellow (57%)
- Black (27%)



- Cyan (27%)
- Magenta (99%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB0350 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 BB0350 by changing the saturation by 10% instead.



 BB0350

 BB0350

FFFFFF

 9D0039

 F95481

 7E0024

 FF719B

 61000F

 FF8EB5

 450003

 FFABD1

 240001

 FFC8ED

 000000

 FFE6FF

 BB0350

 BB0350

 BB004E

 BB165B

 BB2866

 BB3B71

 BB4E7B

 BB6086

 BB7391

 BB869C

 BB99A7

 BBABB2

# Harmonies

## Analogous

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



A92086



BB0350



B02D1B

# Triad

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



BB0350



226D00



006EC5

# Complementary

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



BB0350



03BB6E

# 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.



0074A2



BB0350



007334

# Square

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



BB0350



646100



00756E



0060CB

# Rectangle

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



BB0350



9D4400



00756E



0071BC



# Sweetspot

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



BB0350



F2AAC8



6B03BB



7A4E61



FAFAFA



7A7A7A



# Same Dimension

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



BB0350



F20065



BB0F03



5E5559



9E0042



1F000D



# Inverse Universe

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



BB0350



F20065



03AFBB



5E5559



9E0042



1F000D



# Previews

## White Background



This preview shows how the Hex color BB0350 looks on a white background.

## Color Contrast Check

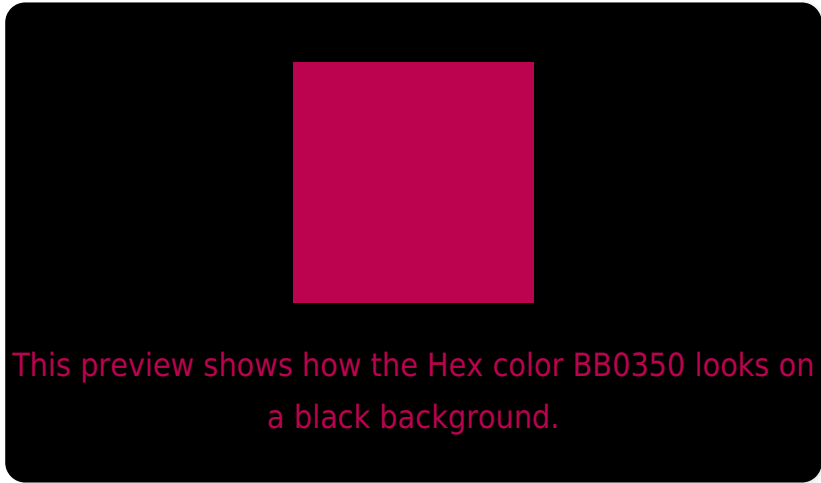
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB0350 Background



This preview shows how black text looks on a background with the Hex color BB0350.

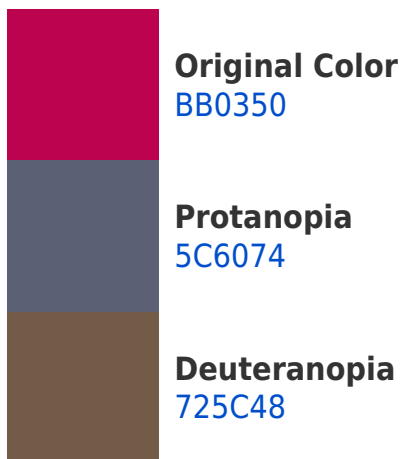


This preview shows how white text looks on a background with the Hex color BB0350.

# 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**  
BB0350



**Protanomaly**  
7F3E67



**Deuteranomaly**  
8D3C4B



**Tritanomaly**  
BA1531

# Monochromacy



**Original Color**  
BB0350



**Achromatopsia**  
434343



**Achromatomaly**  
6F2C48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB0350 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 #BB0350 looks like.

```
.text, #text, p{  
    color:#BB0350  
}
```

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 #BB0350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB0350
}
```

## Border

The CSS property to change the border of an element to Hex BB0350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

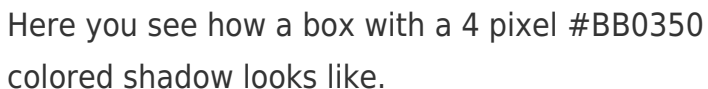
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB0350 }
```

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

```
.border{ border-color:#BB0350 }
```

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



Here you see how a box with a 4 pixel #BB0350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB0350; -webkit-box-shadow:4px 4px  
4px 4px #BB0350; box-shadow:4px 4px 4px  
4px #BB0350 }
```

# Background

The CSS property to change the background color of an element to Hex BB0350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB0350 }
```

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

```
.background{ background-color:#BB0350 }
```

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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