

# Converting Colors

Hex(BB058D)

Have a look what the booklet for  
Hex(BB058D) contains.

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**Color**

**Hex(BB058D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB058D
RGB	187, 5, 141
RGB Percent	73%, 2%, 55%
CMY	0.2667, 0.9804, 0.4471
CMYK	0.00, 0.97, 0.25, 0.27
HSL	315°, 95%, 38%
HSV	315°, 97%, 73%
XYZ	25.3555, 12.5964, 26.2943
YIQ	74.9220, 64.8160, 80.8800

# Conversions

## Conversions Part 2

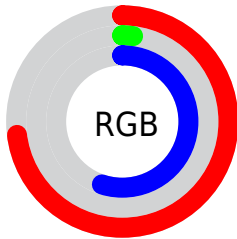
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 5, 141
Decimal	12256653
CIELab	42.15, 71.23, -24.29
CIElCh	42, 75.257, 341.170
Yxy	12.5964, 0.3947, 0.1961
Android (android.graphics.Color)	4290446733 (0xFFBB058D)
YUV	74.9220, 32.5765, 98.2924
Hunter-Lab	35.4914, 65.4125, -19.0817

# Details

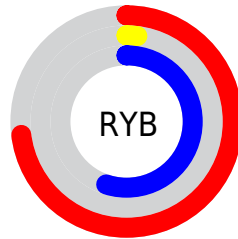
The Hex color **BB058D** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **05BB33**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **F757C3**, and **81005A** is the 20% darker color. If you saturate the color by 10%, you get **BB008C**, and if you desaturate by 10%, it is **BB1892**.

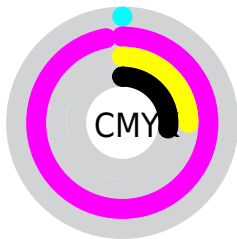
# Distribution



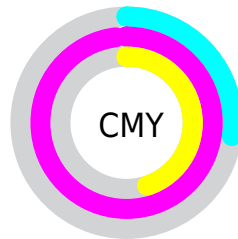
- Red (73%)
- Green (2%)
- Blue (55%)



- Red (73%)
- Yellow (2%)
- Blue (55%)



- Cyan (0%)
- Magenta (97%)
- Yellow (25%)
- Black (27%)



- Cyan (27%)
- Magenta (98%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB058D 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 BB058D by changing the saturation by 10% instead.




 BB058D

 BB058D

FFFFFF

 9E0073

 F757C3

 81005A

 FF75DF

 640043

 FF92FC

 49002C

 FFAFFF

 2D0017

 FFCDFE

 000000

 FFEAFF

 BB058D

 BB058D

 BB008C

 BB1892

 BB2A96

 BB3D9B

 BB50A0

 BB63A5

 BB75A9

 BB88AE

 BB9BB3

 BBADB8

# Harmonies

## Analogous

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



7F45C2



BB058D



CC0050

# Triad

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



BB058D



656800



007CB5

# Complementary

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



BB058D



05BB33

# 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.



007D7A



BB058D



047500

# Square

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



BB058D



995100



007A38



0075DA

# Rectangle

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



BB058D



C51427



007A38



007DA3



# Sweetspot

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



BB058D



F2ACE0



3305BB



7A5070



FAFAFA



7A7A7A



# Same Dimension

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



BB058D



F200B5



BB0533



5E555C



9E0076



1F0017



# Inverse Universe

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



BB058D



F200B5



05BB8E



5E555C



9E0076



1F0017



# Previews

## White Background



This preview shows how the Hex color BB058D looks on a white background.

## Color Contrast Check

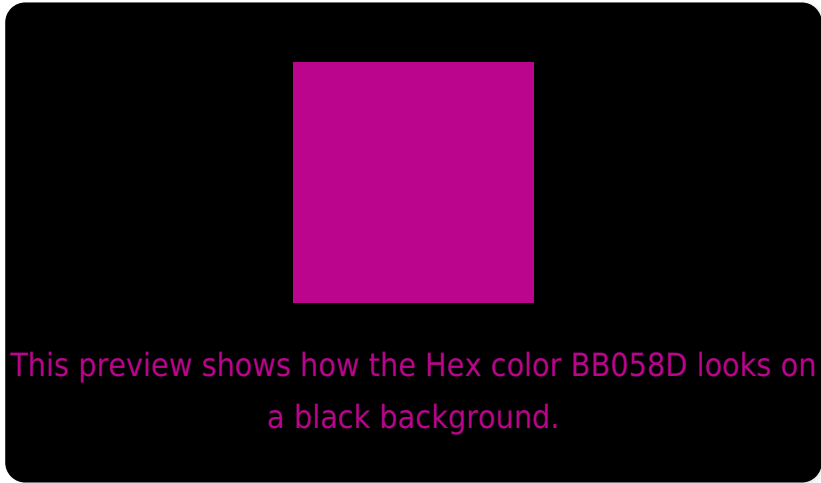
Large Text (above 18pt) WCAG AA ✓ Pass

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

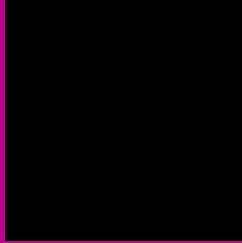
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BB058D Background



This preview shows how black text looks on a background with the Hex color BB058D.




This preview shows how white text looks on a background with the Hex color BB058D.

# 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**  
B5383A

# Trichromacy



**Original Color**  
BB058D



**Protanomaly**  
5C40B3



**Deuteranomaly**  
804187

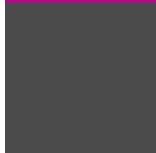


**Tritanomaly**  
B72558

# Monochromacy



**Original Color**  
BB058D



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
743263

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB058D 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 #BB058D looks like.

```
.text, #text, p{  
    color:#BB058D  
}
```

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 #BB058D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB058D
}
```

## Border

The CSS property to change the border of an element to Hex BB058D 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
#BB058D }
```

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

```
.border{ border-color:#BB058D }
```

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

Here you see how a box with a 4 pixel #BB058D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB058D; -webkit-box-shadow:4px 4px  
4px 4px #BB058D; box-shadow:4px 4px 4px  
4px #BB058D }
```

# Background

The CSS property to change the background color of an element to Hex BB058D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB058D }
```

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

```
.background{ background-color:#BB058D }
```

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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