

# Converting Colors

Hex(B03C8D)

Have a look what the booklet for  
Hex(B03C8D) contains.

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# Color

**Hex(B03C8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B03C8D
RGB	176, 60, 141
RGB Percent	69%, 24%, 55%
CMY	0.3098, 0.7647, 0.4471
CMYK	0.00, 0.66, 0.20, 0.31
HSL	318°, 49%, 46%
HSV	318°, 66%, 69%
XYZ	24.3281, 14.3849, 26.6936
YIQ	103.9180, 43.1350, 49.7830

# Conversions

## Conversions Part 2

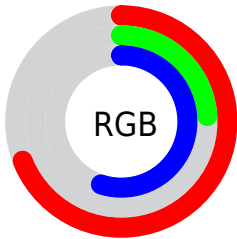
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 60, 141
Decimal	11549837
CIE <sub>Lab</sub>	44.78, 55.48, -20.38
CIE <sub>LCh</sub>	45, 59.105, 339.829
Yxy	14.3849, 0.3720, 0.2199
Android (android.graphics.Color)	4289739917 (0xFFB03C8D)
YUV	103.9180, 18.2814, 63.2159
Hunter-Lab	37.9274, 48.1235, -15.1796

# Details

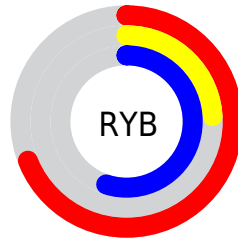
The Hex color **B03C8D** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **3CB05F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **EA73C3**, and **78005B** is the 20% darker color. If you saturate the color by 10%, you get **B02A88**, and if you desaturate by 10%, it is **B04E92**.

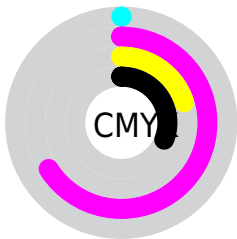
# Distribution



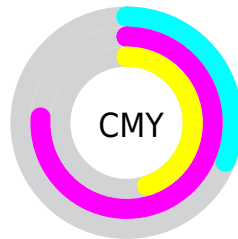
- Red (69%)
- Green (24%)
- Blue (55%)



- Red (69%)
- Yellow (24%)
- Blue (55%)



- Cyan (0%)
- Magenta (66%)
- Yellow (20%)
- Black (31%)



- Cyan (31%)
- Magenta (76%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B03C8D 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 B03C8D by changing the saturation by 10% instead.



 B03C8D

 B03C8D

FFFFFF

 941D73

 EA73C3

 78005B

 FF8FDF

 5D0043

 FFABFB

 42002D

 FFC7FF

 290018

 FFE4FF

 000000

 B03C8D

 B03C8D

 B02A88

 B04E92

 B01982

 B05F98

 B0077D

 B0719D

 B0007B

 B082A2

 B094A8

 B0A6AD

 B0B7B2

 B0C9B7

 B0DABD

# Harmonies

## Analogous

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



7F55B6



B03C8D



C1335C

# Triad

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



B03C8D



716D00



007FA8

# Complementary

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



B03C8D



3CB05F

# 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.



008079



B03C8D



3A7811

# Square

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



B03C8D



9B5B00



007E46



0078C7

# Rectangle

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



B03C8D



BD3C3C



007E46



00809A



# Sweetspot

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



B03C8D



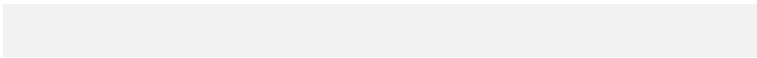
E6B8D8



5F3CB0



73576A



F2F2F2



737373



# Same Dimension

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



B03C8D



E630AF



B03C53



595057



99006B



1A0012



# Inverse Universe

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



B03C8D



E630AF



3CB099



595057



99006B



1A0012



# Previews

## White Background



This preview shows how the Hex color B03C8D looks on a white background.

## Color Contrast Check

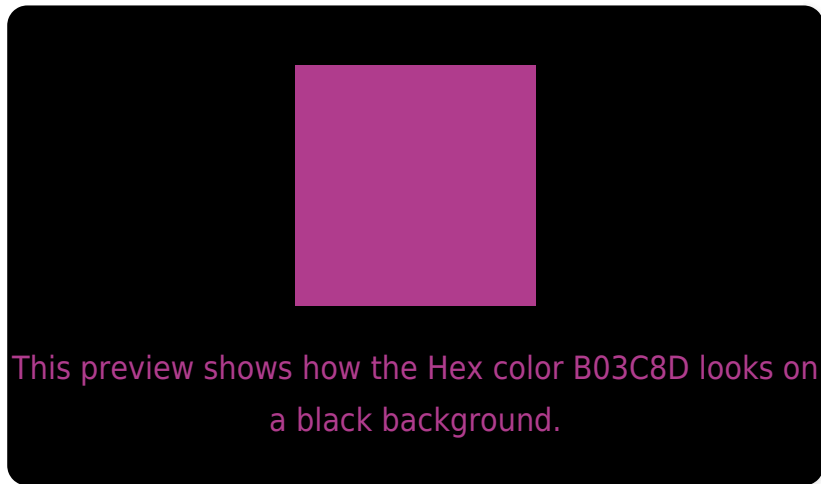
Large Text (above 18pt) WCAG AA ✓ Pass

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 B03C8D Background



This preview shows how black text looks on a background with the Hex color B03C8D.

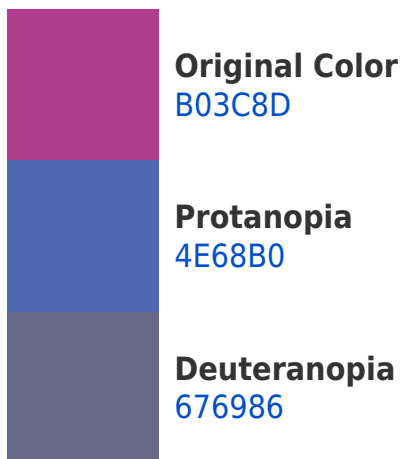


This preview shows how white text looks on a background with the Hex color B03C8D.

# 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**  
B03C8D



**Protanomaly**  
7258A3



**Deuteranomaly**  
825989

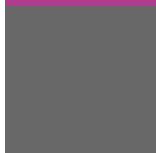


**Tritanomaly**  
AD4667

# Monochromacy



**Original Color**  
B03C8D



**Achromatopsia**  
686868



**Achromatomaly**  
825875

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B03C8D 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 #B03C8D looks like.

```
.text, #text, p{  
    color:#B03C8D  
}
```

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 #B03C8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B03C8D
}
```

## Border

The CSS property to change the border of an element to Hex B03C8D 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
#B03C8D }
```

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

```
.border{ border-color:#B03C8D }
```

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

Here you see how a box with a 4 pixel #B03C8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B03C8D; -webkit-box-shadow:4px 4px  
4px 4px #B03C8D; box-shadow:4px 4px 4px  
4px #B03C8D }
```

# Background

The CSS property to change the background color of an element to Hex B03C8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B03C8D }
```

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

```
.background{ background-color:#B03C8D }
```

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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