

# Converting Colors

Hex(B3017B)

Have a look what the booklet for  
Hex(B3017B) contains.

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**Color**

**Hex(B3017B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3017B
RGB	179, 1, 123
RGB Percent	70%, 0%, 48%
CMY	0.2980, 0.9961, 0.5176
CMYK	0.00, 0.99, 0.31, 0.30
HSL	319°, 99%, 35%
HSV	319°, 99%, 70%
XYZ	22.1764, 11.0355, 19.7001
YIQ	68.1300, 66.9260, 75.6780

# Conversions

## Conversions Part 2

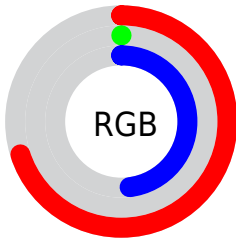
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 1, 123
Decimal	11731323
CIE <sub>Lab</sub>	39.64, 67.99, -17.19
CIE <sub>LCh</sub>	40, 70.124, 345.813
Yxy	11.0355, 0.4191, 0.2086
Android (android.graphics.Color)	4289921403 (0xFFB3017B)
YUV	68.1300, 27.0509, 97.2330
Hunter-Lab	33.2197, 61.0265, -11.9067

# Details

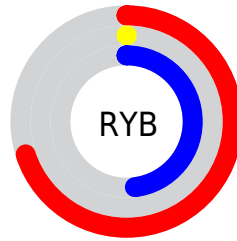
The Hex color **B3017B** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **01B339**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **EF53B0**, and **79004A** is the 20% darker color. If you saturate the color by 10%, you get **B3007B**, and if you desaturate by 10%, it is **B31381**.

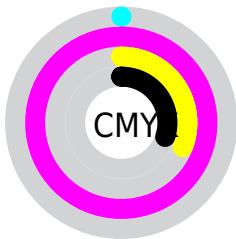
# Distribution



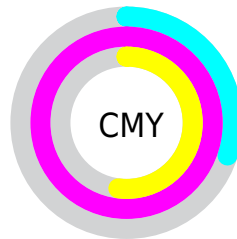
- Red (70%)
- Green (0%)
- Blue (48%)



- Red (70%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (99%)
- Yellow (31%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3017B 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 B3017B by changing the saturation by 10% instead.



 B3017B

 B3017B

FFFFFF

 960062

 EF53B0

 79004A

 FF71CB

 5C0033

 FF8EE7

 43001F

 FFABFF

 250001

 FFC8FF

 000000

 FFE5FF

 B3017B

 B3017B

 B3007B

 B31381

 B32586

 B3378C

 B34992

 B35B97

 B36C9D

 B37EA2

 B390A8

 B3A2AE

# Harmonies

## Analogous

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



833BAE



B3017B



BE0042

# Triad

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



B3017B



576400



0074AF

# Complementary

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



B3017B



01B339

# 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.



00757B



B3017B



006E00

# Square

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



B3017B



895100



00733F



006CCE

# Rectangle

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



B3017B



B5211D



00733F



0075A0



# Sweetspot

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



B3017B



E8A2D2



3601B3



754B68



F5F5F5



757575



# Same Dimension

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



B3017B



E8009F



B30125



595056



990069



1A0011



# Inverse Universe

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



B3017B



E8009F



01B38F



595056



990069



1A0011



# Previews

## White Background



This preview shows how the Hex color B3017B looks on a white background.

## Color Contrast Check

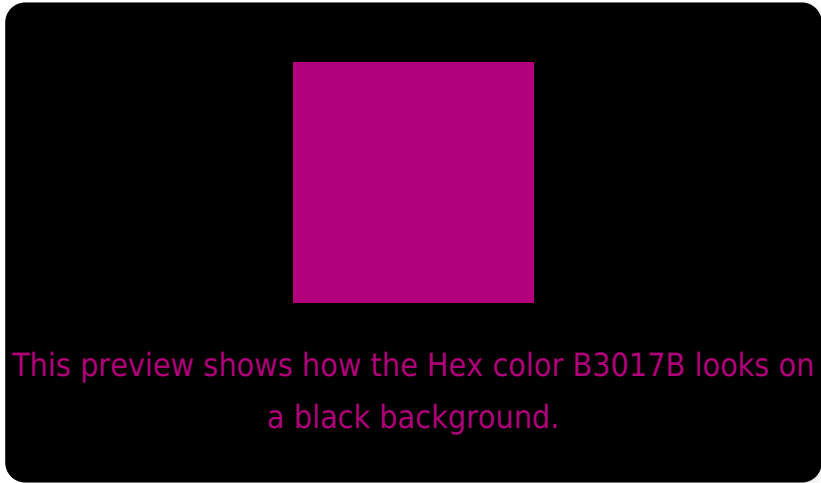
Large Text (above 18pt) WCAG AA ✓ Pass

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 B3017B Background



This preview shows how black text looks on a background with the Hex color B3017B.



This preview shows how white text looks on a background with the Hex color B3017B.

# 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**  
B3017B



**Protanomaly**  
643C9D



**Deuteranomaly**  
7E3C76



**Tritanomaly**  
B0204D

# Monochromacy



**Original Color**  
B3017B



**Achromatopsia**  
444444



**Achromatomaly**  
6C2C58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3017B 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 #B3017B looks like.

```
.text, #text, p{  
    color:#B3017B  
}
```

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 #B3017B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3017B
}
```

## Border

The CSS property to change the border of an element to Hex B3017B 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
#B3017B }
```

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

```
.border{ border-color:#B3017B }
```

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

Here you see how a box with a 4 pixel #B3017B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3017B; -webkit-box-shadow:4px 4px  
4px 4px #B3017B; box-shadow:4px 4px 4px  
4px #B3017B }
```

# Background

The CSS property to change the background color of an element to Hex B3017B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3017B }
```

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

```
.background{ background-color:#B3017B }
```

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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