

# Converting Colors

Hex(B071B2)

Have a look what the booklet for  
Hex(B071B2) contains.

<b>Hex(B071B2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B071B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<b>B071B2</b>
RGB	<b>176, 113, 178</b>
RGB Percent	<b>69%, 44%, 70%</b>
CMY	<b>0.3098, 0.5569, 0.3020</b>
CMYK	<b>0.01, 0.37, 0.00, 0.30</b>
HSL	<b>298°, 30%, 57%</b>
HSV	<b>298°, 37%, 70%</b>
XYZ	<b>31.8455, 24.2547, 45.1227</b>
YIQ	<b>139.2470, 16.6830, 33.5710</b>

# Conversions

## Conversions Part 2

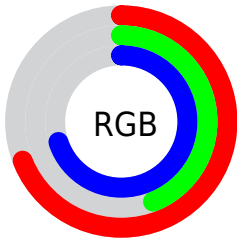
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 113, 178
Decimal	11563442
CIE <sub>Lab</sub>	56.34, 35.46, -24.38
CIE <sub>LCh</sub>	56, 43.031, 325.484
Yxy	24.2547, 0.3146, 0.2396
Android (android.graphics.Color)	4289753522 (0xFFB071B2)
YUV	139.2470, 19.1052, 32.2324
Hunter-Lab	49.2491, 29.2360, -19.8479

# Details

The Hex color **B071B2** is a light color, and the websafe version is hex **996699**. A complement of this color would be **73B271**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E9A6EA**, and **7A3F7D** is the 20% darker color. If you saturate the color by 10%, you get **AF5FB2**, and if you desaturate by 10%, it is **B183B2**.

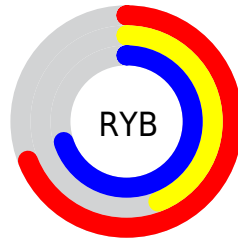
# Distribution



Red (69%)

Green (44%)

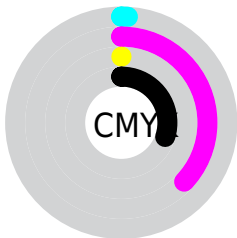
Blue (70%)



Red (69%)

Yellow (44%)

Blue (70%)

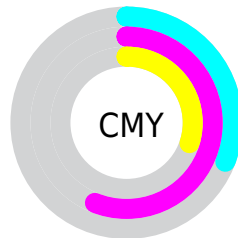


Cyan (1%)

Magenta (37%)

Yellow (0%)

Black (30%)



Cyan (31%)

Magenta (56%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B071B2 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 B071B2 by changing the saturation by 10% instead.



 B071B2

 B071B2

FFFFFF

 955897

 E9A6EA

 7A3F7D

 FFC2FF

 602764

 FFDEFF

 470D4C

 FFFBFF

 2F0035

 18001F

 000002

 000000

 B071B2

 B071B2

AF5FB2

B183B2

AF4DB2

B195B2

AE3CB2

B2A6B2

AE2AB2

B2B8B2

AD18B2

B3CAB2

AD06B2

B3DCB2

AD00B2

B4EEB2

B4FFB2

B5FFB2

# Harmonies

## Analogous

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



8180CB



B071B2



C9688E

# Triad

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



B071B2



A2833A



009AA6

# Complementary

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



B071B2



73B271

# 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.



009A80



B071B2



7D8F41

# Square

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



B071B2



BE754A



4F965B



0096C4

# Rectangle

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



B071B2



CE6875



4F965B



009A9A



# Sweetspot

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



B071B2



E7CFE8



7173B2



756675



F5F5F5



757575



# Same Dimension

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



B071B2



E582E8



B27194



595059



940099



19001A



# Inverse Universe

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



B27173



E88285



71B28F



595051



990005

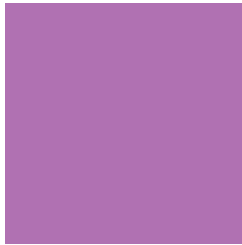


1A0001



# Previews

## White Background



This preview shows how the Hex color B071B2 looks on a white background.

## Color Contrast Check

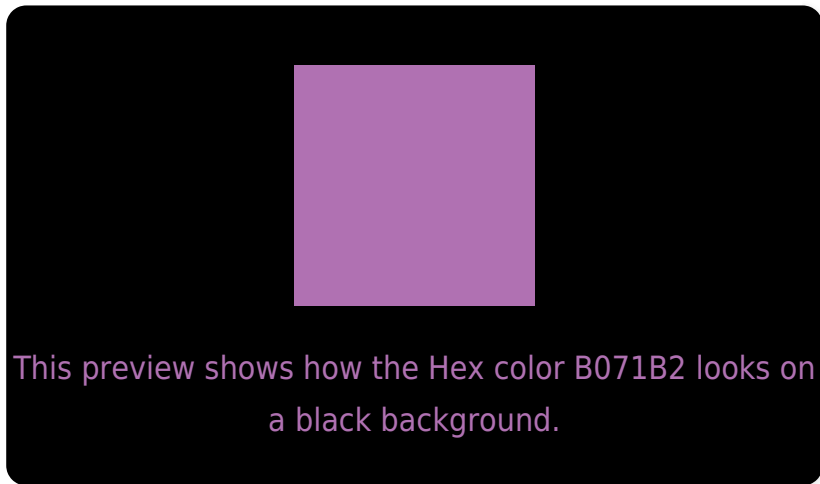
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

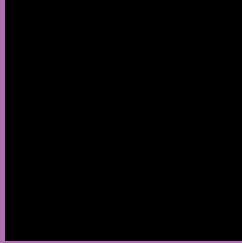
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B071B2 Background



This preview shows how black text looks on a background with the Hex color B071B2.

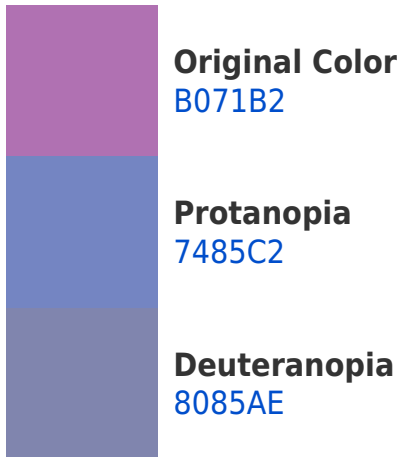


This preview shows how white text looks on a background with the Hex color B071B2.

# 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**  
AA7B84

# Trichromacy



**Original Color**  
B071B2



**Protanomaly**  
8A7EBC



**Deuteranomaly**  
917EAF



**Tritanomaly**  
AC7795

# Monochromacy



**Original Color**  
B071B2



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
988299

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B071B2 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 #B071B2 looks like.

```
.text, #text, p{  
    color:#B071B2  
}
```

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 #B071B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B071B2
}
```

## Border

The CSS property to change the border of an element to Hex B071B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

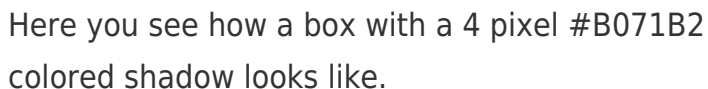
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B071B2 }
```

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

```
.border{ border-color:#B071B2 }
```

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



Here you see how a box with a 4 pixel #B071B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B071B2; -webkit-box-shadow:4px 4px  
4px 4px #B071B2; box-shadow:4px 4px 4px  
4px #B071B2 }
```

# Background

The CSS property to change the background color of an element to Hex B071B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B071B2 }
```

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

```
.background{ background-color:#B071B2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor