

# Converting Colors

Hex(B171AB)

Have a look what the booklet for  
Hex(B171AB) contains.

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# **Color**

**Hex(B171AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B171AB
RGB	177, 113, 171
RGB Percent	69%, 44%, 67%
CMY	0.3059, 0.5569, 0.3294
CMYK	0.00, 0.36, 0.03, 0.31
HSL	306°, 29%, 57%
HSV	306°, 36%, 69%
XYZ	31.3873, 24.0976, 41.5251
YIQ	138.7480, 19.5260, 31.6060

# Conversions

## Conversions Part 2

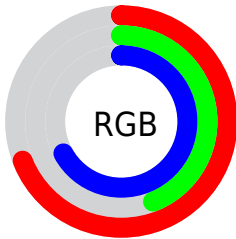
Format	Color
<b>RYB</b>	177, 113, 171
Decimal	11628971
CIELab	56.19, 34.46, -20.58
CIELCh	56, 40.135, 329.152
Yxy	24.0976, 0.3235, 0.2484
Android (android.graphics.Color)	4289819051 (0xFFB171AB)
YUV	138.7480, 15.9002, 33.5470
Hunter-Lab	49.0893, 28.2249, -15.7914

# Details

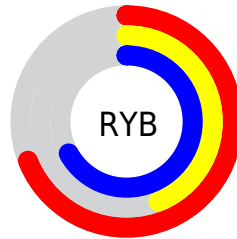
The Hex color **B171AB** is a light color, and the websafe version is hex **996699**. A complement of this color would be **71B177**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **EAA6E2**, and **7B3F77** is the 20% darker color. If you saturate the color by 10%, you get **B15FA9**, and if you desaturate by 10%, it is **B183AD**.

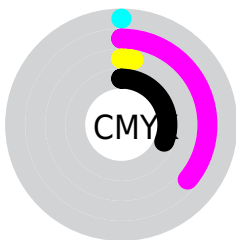
# Distribution



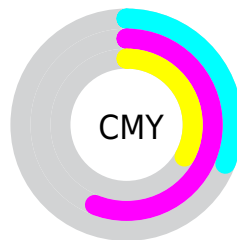
- Red (69%)
- Green (44%)
- Blue (67%)



- Red (69%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (36%)
- Yellow (3%)
- Black (31%)



- Cyan (31%)
- Magenta (56%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B171AB 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 B171AB by changing the saturation by 10% instead.



 B171AB

 B171AB

FFFFFF

 965890

 EAA6E2

 7B3F77

 FFC1FF

 61275E

 FFDEFF

 480E46

 FFFBFF

 30002F

 18001A

 000000

 B171AB

 B171AB

 B15FA9

 B183AD

 B14EA8

 B194AE

 B13CA6

 B1A6B0

 B12AA4

 B1B8B2

 B118A3

 B1CAB3

 B107A1

 B1DBB5

 B100A0

 B1EDB7

 B1FFB8

 B1FFBA

# Harmonies

## Analogous

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



887EC4



B171AB



C66A89

# Triad

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



B171AB



9D843F



0098A8

# Complementary

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



B171AB



71B177

# 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.



009885



B171AB



798F48

# Square

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



B171AB



B8784B



4E9562



0094C2

# Rectangle

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



B171AB



C96B72



4E9562



00999C



# Sweetspot

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



B171AB



E6CCE3



7671B1



736471



F2F2F2



737373



# Same Dimension

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



B171AB



E683DC



B1718C



595058



99008B



1A0017



# Inverse Universe

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



B171AB



E683DC



71B196



595058



99008B

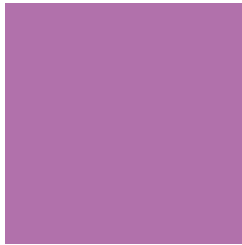


1A0017



# Previews

## White Background



This preview shows how the Hex color B171AB looks on a white background.

## Color Contrast Check

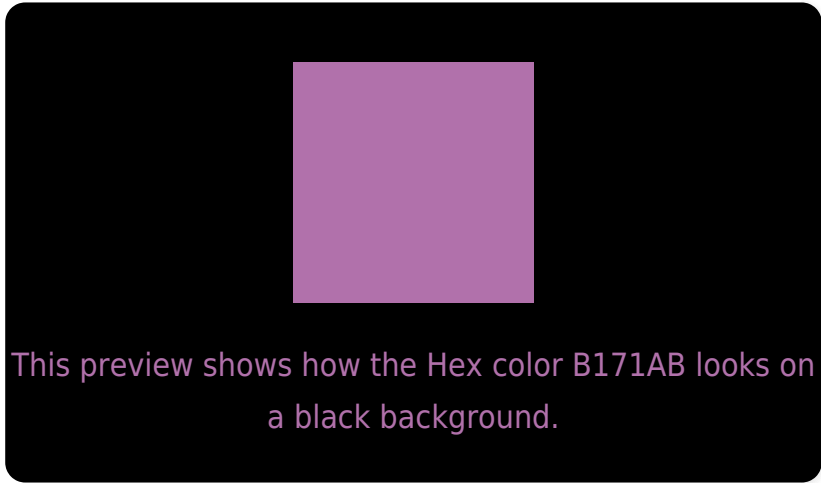
Large Text (above 18pt) WCAG AA ✓ Pass

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

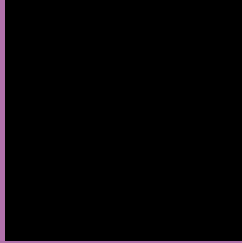
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B171AB Background



This preview shows how black text looks on a background with the Hex color B171AB.



This preview shows how white text looks on a background with the Hex color B171AB.

# 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



**Original Color**  
B171AB

**Protanopia**  
7785BA

**Deuteranopia**  
8484A7



**Tritanopia**  
AC7982

# Trichromacy



**Original Color**  
B171AB



**Protanomaly**  
8C7EB5



**Deuteranomaly**  
947DA8

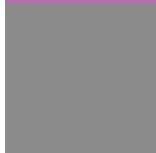


**Tritanomaly**  
AE7691

# Monochromacy



**Original Color**  
B171AB



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
998297

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B171AB 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 #B171AB looks like.

```
.text, #text, p{  
    color:#B171AB  
}
```

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 #B171AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B171AB
}
```

## Border

The CSS property to change the border of an element to Hex B171AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

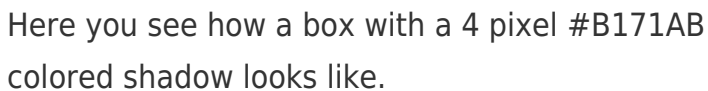
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B171AB }
```

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

```
.border{ border-color:#B171AB }
```

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



Here you see how a box with a 4 pixel #B171AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B171AB; -webkit-box-shadow:4px 4px  
4px 4px #B171AB; box-shadow:4px 4px 4px  
4px #B171AB }
```

# Background

The CSS property to change the background color of an element to Hex B171AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B171AB }
```

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

```
.background{ background-color:#B171AB }
```

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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