

Converting Colors

Hex(B171B7)

Have a look what the booklet for
Hex(B171B7) contains.

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Color

Hex(B171B7)

Conversions

Conversions Part 1

Format	Color
Hex	B171B7
RGB	177, 113, 183
RGB Percent	69%, 44%, 72%
CMY	0.3059, 0.5569, 0.2824
CMYK	0.03, 0.38, 0.00, 0.28
HSL	295°, 33%, 58%
HSV	295°, 38%, 72%
XYZ	32.5838, 24.5763, 47.8261
YIQ	140.1160, 15.6740, 35.3380

Conversions

Conversions Part 2

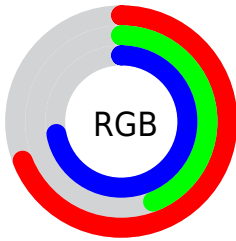
Format	Color
R_{YB}	177, 113, 183
Decimal	11628983
CIE Lab	56.66, 36.75, -26.75
CIE LCh	57, 45.455, 323.943
Yxy	24.5763, 0.3104, 0.2341
Android (android.graphics.Color)	4289819063 (0xFFB171B7)
YUV	140.1160, 21.1418, 32.3473
Hunter-Lab	49.5745, 30.5675, -22.4969

Details

The Hex color **B171B7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **77B771**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **EAA6EF**, and **7B3F82** is the 20% darker color. If you saturate the color by 10%, you get **AF5FB7**, and if you desaturate by 10%, it is **B383B7**.

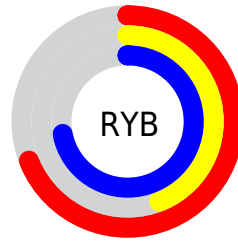
Distribution



Red (69%)

Green (44%)

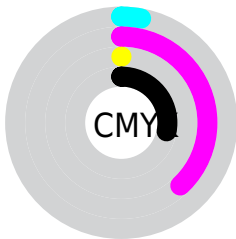
Blue (72%)



Red (69%)

Yellow (44%)

Blue (72%)

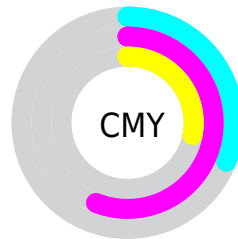


Cyan (3%)

Magenta (38%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (56%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B171B7 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 B171B7 by changing the saturation by 10% instead.

 B171B7

 B171B7

FFFFFF

 96589C

 EAA6EF

 7B3F82

 FFC2FF

 612768

 FFDEFF

 480D50

 FFFBFF

 300039

 190023

 000009

 000000

 B171B7

 B171B7

 AF5FB7

 B383B7

 AE4CB7

 B496B7

 AC3AB7

 B6A8B7

 AB28B7

 B7BAB7

 A915B7

 B9CDB7

 A803B7

 BADFB7

 A700B7

 BCF1B7

 BEFFB7

 BFFF B7

Harmonies

Analogous

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



7D81D0



B171B7



CD6792

Triad

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



B171B7



A68336



009BA7

Complementary

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



B171B7



77B771

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.



009B7E



B171B7



7F8F3C

Square

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



B171B7



C37449



4F9757



0098C7

Rectangle

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



B171B7



D26677



4F9757



009C9A

Sweetspot

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



B171B7



EBD3ED



7178B7



776878



F7F7F7



787878

Same Dimension

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



B171B7



E480ED



B7719B



5B535C



8E009C



1A001C

Inverse Universe

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



B77177



ED8089



71B78D



5C5353



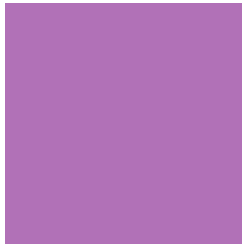
9C000D



1C0002

Previews

White Background



This preview shows how the Hex color B171B7 looks on a white background.

Color Contrast Check

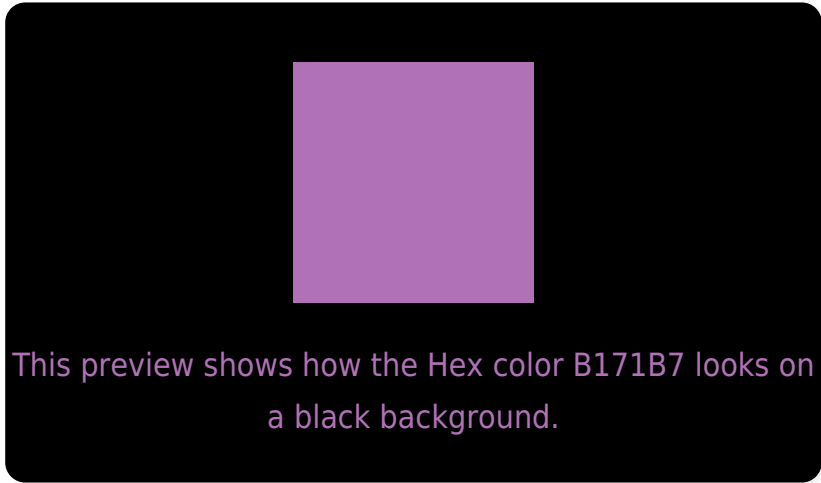
Large Text (above 18pt) WCAG AA ✓ Pass

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

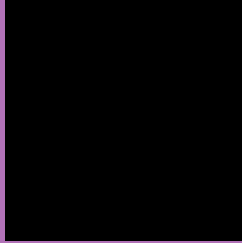
Any Text WCAG AA ✓ Pass

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 B171B7 Background



This preview shows how black text looks on a background with the Hex color B171B7.

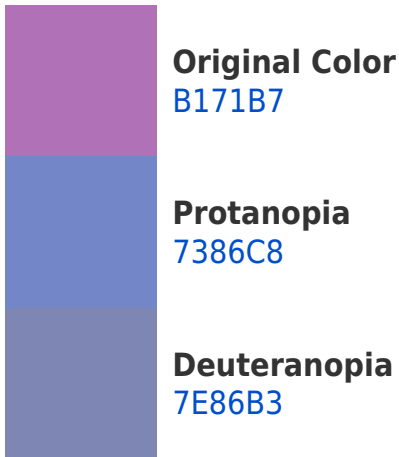



This preview shows how white text looks on a background with the Hex color B171B7.

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
AA7C85

Trichromacy



Original Color
B171B7



Protanomaly
8A7EC2



Deuteranomaly
917EB4

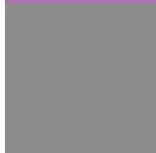


Tritanomaly
AD7897

Monochromacy



Original Color
B171B7



Achromatopsia
8C8C8C



Achromatomaly
99829C

CSS Examples

Text

The CSS property to change the color of the text to Hex B171B7 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 #B171B7 looks like.

```
.text, #text, p{  
    color:#B171B7  
}
```

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 #B171B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B171B7
}
```

Border

The CSS property to change the border of an element to Hex B171B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

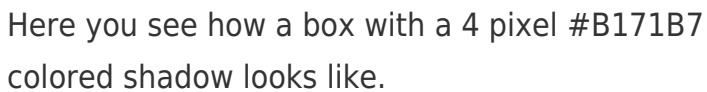
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B171B7 }
```

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

```
.border{ border-color:#B171B7 }
```

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



Here you see how a box with a 4 pixel #B171B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B171B7; -webkit-box-shadow:4px 4px  
4px 4px #B171B7; box-shadow:4px 4px 4px  
4px #B171B7 }
```

Background

The CSS property to change the background color of an element to Hex B171B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B171B7 }
```

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

```
.background{ background-color:#B171B7 }
```

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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