

Converting Colors

Hex(B171C8)

Have a look what the booklet for
Hex(B171C8) contains.

Hex(B171C8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B171C8)

Conversions

Conversions Part 1

Format	Color
Hex	B171C8
RGB	177, 113, 200
RGB Percent	69%, 44%, 78%
CMY	0.3059, 0.5569, 0.2157
CMYK	0.12, 0.43, 0.00, 0.22
HSL	284°, 44%, 61%
HSV	284°, 44%, 78%
XYZ	34.4619, 25.3275, 57.7159
YIQ	142.0540, 10.2170, 40.6250

Conversions

Conversions Part 2

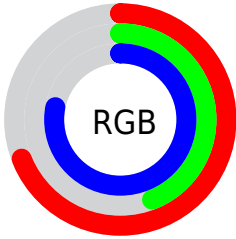
Format	Color
RYB	177, 113, 200
Decimal	11629000
CIELab	57.39, 40.19, -35.32
CIELCh	57, 53.503, 318.687
Yxy	25.3275, 0.2933, 0.2155
Android (android.graphics.Color)	4289819080 (0xFFB171C8)
YUV	142.0540, 28.5674, 30.6476
Hunter-Lab	50.3264, 34.1598, -32.7671

Details

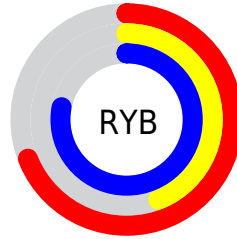
The Hex color **B171C8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **88C871**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **EAA6FF**, and **7B3F92** is the 20% darker color. If you saturate the color by 10%, you get **AC5DC8**, and if you desaturate by 10%, it is **B685C8**.

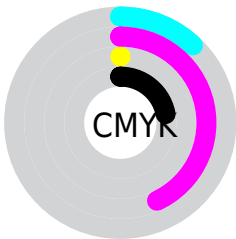
Distribution



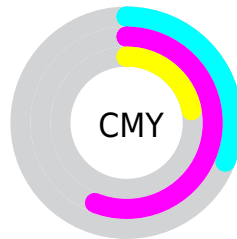
- Red (69%)
- Green (44%)
- Blue (78%)



- Red (69%)
- Yellow (44%)
- Blue (78%)



- Cyan (12%)
- Magenta (43%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B171C8 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 B171C8 by changing the saturation by 10% instead.

 B171C8

 B171C8

FFFFFF

 9557AC

 EAA6FF

 7B3F92

 FFC2FF

 602678

 FFDEFF

 470B5E

 FFFBFF

 2E0046

 180030

 00011A

 000000

 B171C8

 B171C8

AC5DC8

B685C8

A649C8

BC99C8

A135C8

C1ADC8

9C21C8

C6C1C8

970DC8

CBD5C8

9300C8

D1E9C8

D6FDC8

DBFFC8

E1FFC8

Harmonies

Analogous

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



6B85E3



B171C8



D6619E

Triad

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



B171C8



B28128



00A0A6

Complementary

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



B171C8



88C871

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.



009F76



B171C8



879029

Square

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



B171C8



D16F45



4F9A49



009DCF

Rectangle

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



B171C8



DF5F7E



4F9A49



00A196

Sweetspot

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



B171C8



F6DEFF



7188C8



7A6B80



000000



808080

Same Dimension

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



B171C8



DC7AFF



C871B4



615A63



7800A3



1A0024

Inverse Universe

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



C87188



FF7A9D



71C885



635A5C



A3002B



240009

Previews

White Background



This preview shows how the Hex color B171C8 looks on a white background.

Color Contrast Check

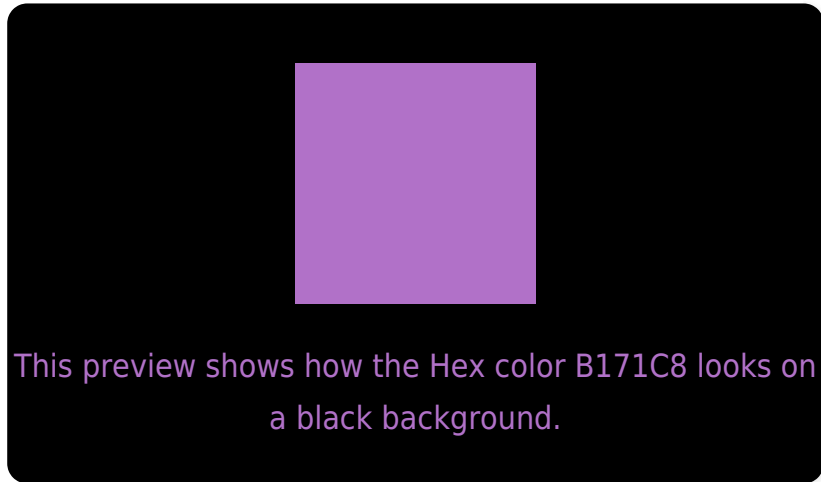
Large Text (above 18pt) WCAG AA ✓ Pass

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

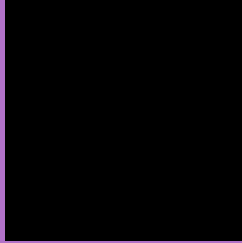
Any Text WCAG AA ✓ Pass

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 B171C8 Background



This preview shows how black text looks on a background with the Hex color B171C8.

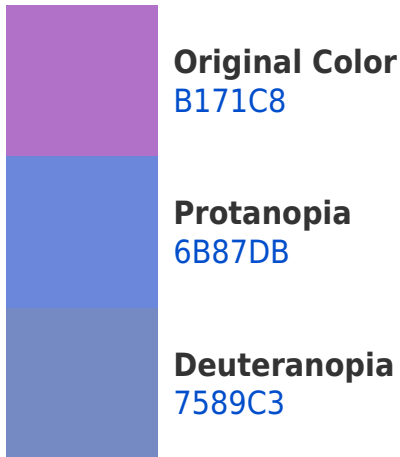


This preview shows how white text looks on a background with the Hex color B171C8.

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](#).

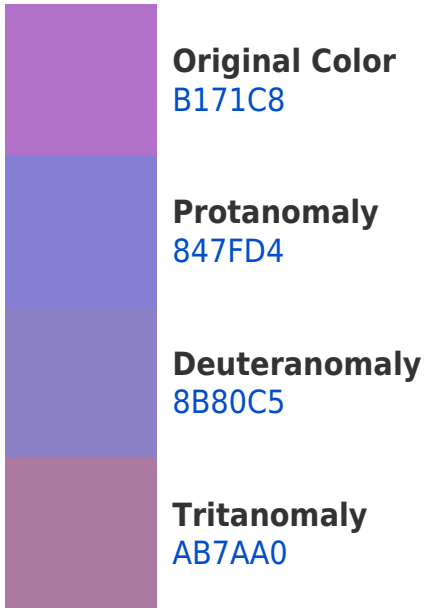
Dichromacy





Tritanopia
A87F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B171C8 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 #B171C8 looks like.

```
.text, #text, p{  
    color:#B171C8  
}
```

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 #B171C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B171C8
}
```

Border

The CSS property to change the border of an element to Hex B171C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

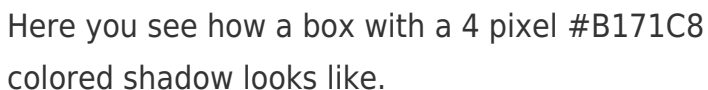
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B171C8 }
```

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

```
.border{ border-color:#B171C8 }
```

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



Here you see how a box with a 4 pixel #B171C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B171C8; -webkit-box-shadow:4px 4px  
4px 4px #B171C8; box-shadow:4px 4px 4px  
4px #B171C8 }
```

Background

The CSS property to change the background color of an element to Hex B171C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B171C8 }
```

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

```
.background{ background-color:#B171C8 }
```

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