

Converting Colors

Hex(B78BCA)

Have a look what the booklet for
Hex(B78BCA) contains.

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Color

Hex(B78BCA)

Conversions

Conversions Part 1

Format	Color
Hex	B78BCA
RGB	183, 139, 202
RGB Percent	72%, 55%, 79%
CMY	0.2824, 0.4549, 0.2078
CMYK	0.09, 0.31, 0.00, 0.21
HSL	282°, 37%, 67%
HSV	282°, 31%, 79%
XYZ	39.4217, 32.7968, 60.1298
YIQ	159.3380, 6.0010, 28.9210

Conversions

Conversions Part 2

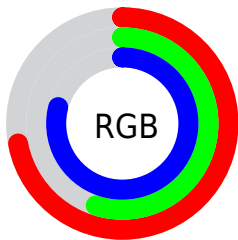
Format	Color
RYB	183, 139, 202
Decimal	12028874
CIELab	64.00, 28.07, -26.16
CIELCh	64, 38.371, 317.014
Yxy	32.7968, 0.2979, 0.2478
Android (android.graphics.Color)	4290218954 (0xFFB78BCA)
YUV	159.3380, 21.0324, 20.7516
Hunter-Lab	57.2685, 22.6537, -22.1644

Details

The Hex color **B78BCA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9ECA8B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F0C1FF**, and **815894** is the 20% darker color. If you saturate the color by 10%, you get **B177CA**, and if you desaturate by 10%, it is **BD9FCA**.

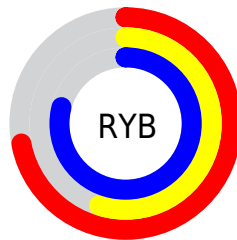
Distribution



Red (72%)

Green (55%)

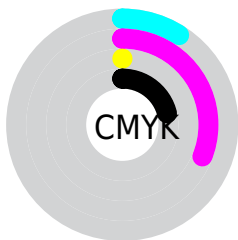
Blue (79%)



Red (72%)

Yellow (55%)

Blue (79%)

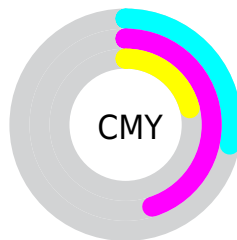


Cyan (9%)

Magenta (31%)

Yellow (0%)

Black (21%)



Cyan (28%)

Magenta (45%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color B78BCA 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 B78BCA by changing the saturation by 10% instead.

 B78BCA

 B78BCA

FFFFFF

 9C71AE

 F0C1FF

 815894

 FFDDFF

 67407A

 FFFAFF

 4E2961

 361349

 210032

 00001C

 000000

 B78BCA

 B78BCA

 B177CA

 BD9FCA

 AB63CA

 C3B3CA

 A54ECA

 C9C8CA

 9F3ACA

 CFFDCA

 9926CA

 D5F0CA

 9212CA

 DCFFCA

 8D00CA

 E2FFCA

 E8FFCA

 EEFFCA

Harmonies

Analogous

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



8898DC



B78BCA



D482AB

Triad

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



B78BCA



BE9458



00ADAE

Complementary

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



B78BCA



9ECA8B

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.



48AC8B



B78BCA



9E9F58

Square

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



B78BCA



D5886A



77A76B



00AACC

Rectangle

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



B78BCA



DC8094



77A76B



1AADA2

Sweetspot

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



B78BCA



F8E8FF



8B9FCA



7B7180



000000



808080

Same Dimension

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



B78BCA



E3A1FF



CA8BBE



635C66



7400A6



1B0026

Inverse Universe

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



CA8B9E



FFA1BD



8BCA97



665C5F



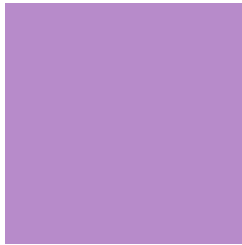
A60032



26000C

Previews

White Background



This preview shows how the Hex color B78BCA looks on a white background.

Color Contrast Check

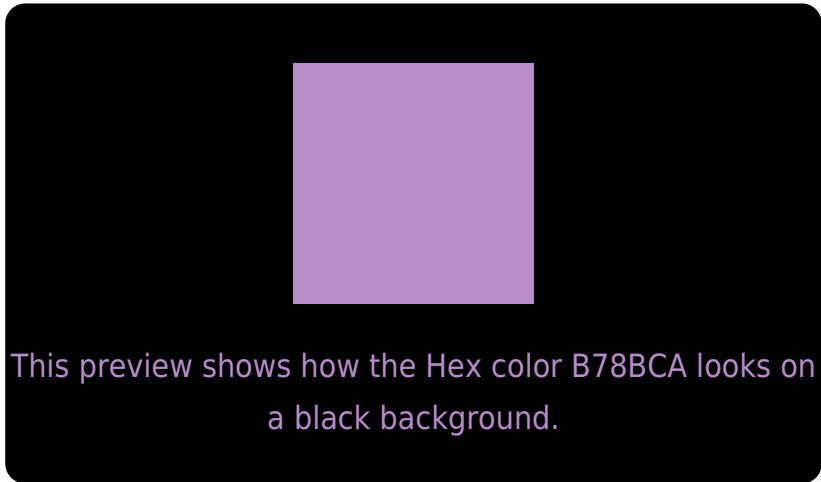
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex B78BCA Background



This preview shows how black text looks on a background with the Hex color B78BCA.

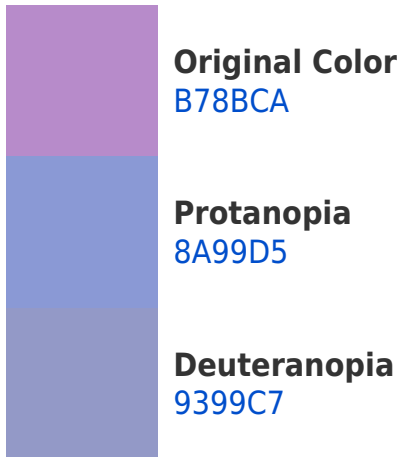


This preview shows how white text looks on a background with the Hex color B78BCA.

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](#).

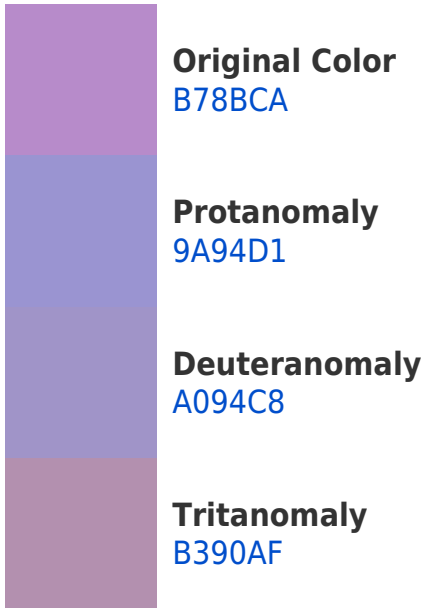
Dichromacy



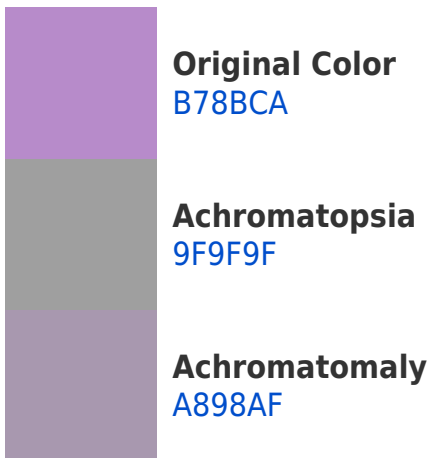


Tritanopia
B0939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B78BCA 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 #B78BCA looks like.

```
.text, #text, p{  
    color:#B78BCA  
}
```

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 #B78BCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B78BCA
}
```

Border

The CSS property to change the border of an element to Hex B78BCA 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
#B78BCA }
```

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

```
.border{ border-color:#B78BCA }
```

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

Here you see how a box with a 4 pixel #B78BCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B78BCA; -webkit-box-shadow:4px 4px  
4px 4px #B78BCA; box-shadow:4px 4px 4px  
4px #B78BCA }
```

Background

The CSS property to change the background color of an element to Hex B78BCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B78BCA }
```

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

```
.background{ background-color:#B78BCA }
```

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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