

Converting Colors

Hex(B78BDC)

Have a look what the booklet for
Hex(B78BDC) contains.

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Color

Hex(B78BDC)

Conversions

Conversions Part 1

Format	Color
Hex	B78BDC
RGB	183, 139, 220
RGB Percent	72%, 55%, 86%
CMY	0.2824, 0.4549, 0.1373
CMYK	0.17, 0.37, 0.00, 0.14
HSL	273°, 54%, 70%
HSV	273°, 37%, 86%
XYZ	41.6793, 33.6998, 72.0181
YIQ	161.3900, 0.2230, 34.5190

Conversions

Conversions Part 2

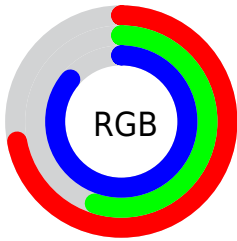
Format	Color
R_{YB}	183, 139, 220
Decimal	12028892
CIE _{Lab}	64.72, 31.92, -35.08
CIE _{LCh}	65, 47.428, 312.301
Yxy	33.6998, 0.2828, 0.2286
Android (android.graphics.Color)	4290218972 (0xFFB78BDC)
YUV	161.3900, 28.8947, 18.9520
Hunter-Lab	58.0515, 26.5676, -32.9184

Details

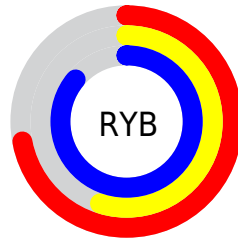
The Hex color **B78BDC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B0DC8B**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **F0C1FF**, and **8158A5** is the 20% darker color. If you saturate the color by 10%, you get **AD75DC**, and if you desaturate by 10%, it is **C1A1DC**.

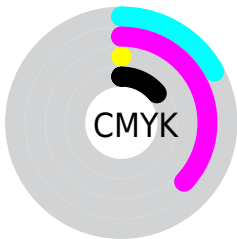
Distribution



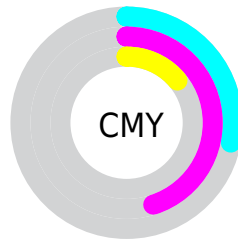
- Red (72%)
- Green (55%)
- Blue (86%)



- Red (72%)
- Yellow (55%)
- Blue (86%)



- Cyan (17%)
- Magenta (37%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color B78BDC 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 B78BDC by changing the saturation by 10% instead.

 B78BDC

 B78BDC

FFFFFF

 9B71C0

 F0C1FF

 8158A5

 FFDDFF

 66408A

 FFFAFF

 4D2970

 341257

 1C0040

 000029

 000113

 000000

 B78BDC

 B78BDC

 AD75DC

 C1A1DC

 A35FDC

 CBB7DC

 9949DC

 D5CDDC

 8F33DC


 DFE3DC

 851DDC

 E9F9DC

 7B07DC

 F3FFDC

 7800DC

 FDFDC

 FFFFDC

Harmonies

Analogous

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



769BF0



B78BDC



DE7DB8

Triad

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



B78BDC



CB924B



00B3AE

Complementary

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



B78BDC



B0DC8B

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.



34B182



B78BDC



A5A047

Square

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



B78BDC



E58366



77AB5C



00B0D5

Rectangle

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



B78BDC



EB799B



77AB5C



00B29F

Sweetspot

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



B78BDC



F2E3FF



8BB1DC



786F80



000000



808080

Same Dimension

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



B78BDC



CC8FFF



DC8BD9



69636E



5E00AD



19002E

Inverse Universe

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



DC8BB0



FF8FC2



8BDC8E



6E6368



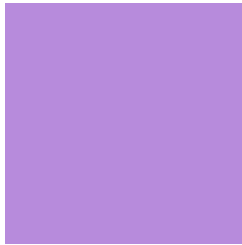
AD004F



2E0015

Previews

White Background



This preview shows how the Hex color B78BDC looks on a white background.

Color Contrast Check

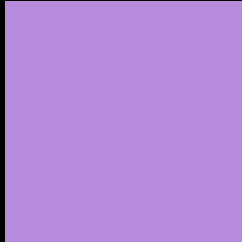
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B78BDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

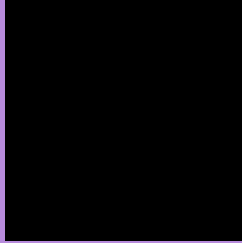
Any Text WCAG AA ✓ Pass

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 B78BDC Background



This preview shows how black text looks on a background with the Hex color B78BDC.

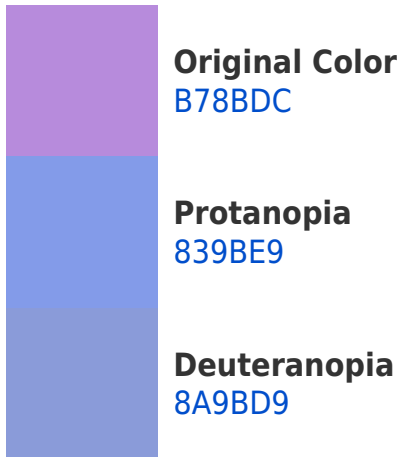


This preview shows how white text looks on a background with the Hex color B78BDC.

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](#).

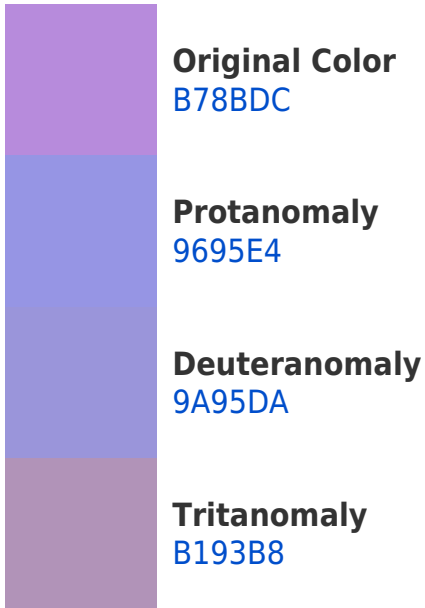
Dichromacy



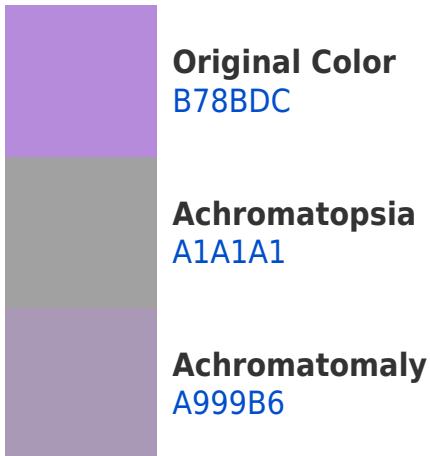


Tritanopia
AE97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B78BDC 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 #B78BDC looks like.

```
.text, #text, p{  
    color:#B78BDC  
}
```

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 #B78BDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B78BDC
}
```

Border

The CSS property to change the border of an element to Hex B78BDC 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
#B78BDC }
```

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

```
.border{ border-color:#B78BDC }
```

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

Here you see how a box with a 4 pixel #B78BDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B78BDC; -webkit-box-shadow:4px 4px  
4px 4px #B78BDC; box-shadow:4px 4px 4px  
4px #B78BDC }
```

Background

The CSS property to change the background color of an element to Hex B78BDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B78BDC }
```

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

```
.background{ background-color:#B78BDC }
```

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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