

# Converting Colors

Hex(B78BD6)

Have a look what the booklet for  
Hex(B78BD6) contains.

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# Color

Hex(**B78BD6**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B78BD6
RGB	183, 139, 214
RGB Percent	72%, 55%, 84%
CMY	0.2824, 0.4549, 0.1608
CMYK	0.14, 0.35, 0.00, 0.16
HSL	275°, 48%, 69%
HSV	275°, 35%, 84%
XYZ	40.8987, 33.3876, 67.9072
YIQ	160.7060, 2.1490, 32.6530

# Conversions

## Conversions Part 2

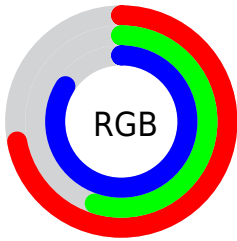
Format	Color
R <sub>Y</sub> B	183, 139, 214
Decimal	12028886
CIE Lab	64.47, 30.61, -32.13
CIE LCh	64, 44.377, 313.614
Yxy	33.3876, 0.2876, 0.2348
Android (android.graphics.Color)	4290218966 (0xFFB78BD6)
YUV	160.7060, 26.2739, 19.5518
Hunter-Lab	57.7820, 25.2257, -29.2321

# Details

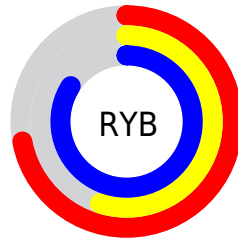
The Hex color **B78BD6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AAD68B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **F0C1FF**, and **81589F** is the 20% darker color. If you saturate the color by 10%, you get **AE76D6**, and if you desaturate by 10%, it is **C0A0D6**.

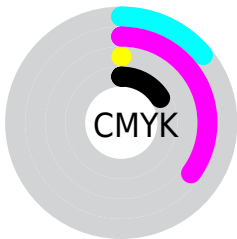
# Distribution



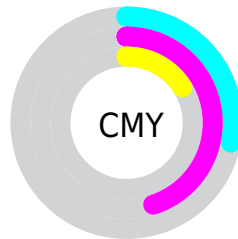
- Red (72%)
- Green (55%)
- Blue (84%)



- Red (72%)
- Yellow (55%)
- Blue (84%)



- Cyan (14%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (45%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B78BD6 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 B78BD6 by changing the saturation by 10% instead.



 B78BD6

 B78BD6

FFFFFF

 9C71BA

 F0C1FF

 81589F

 FFDDFF

 674085

 FFFAFF

 4E296B

 351252

 1E003B

 000025

 00010D

 000000

 B78BD6

 B78BD6

 AE76D6

 C0A0D6

 A560D6

 C9B6D6

 9C4BD6

 D2CBD6

 9435D6

 DAE1D6

 8B20D6

 E3F6D6

 820BD6

 ECFFD6

 7E00D6

 F5FFD6

 FEFFD6

 FFFFD6

# Harmonies

## Analogous

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



7C9AE9



B78BD6



DB7FB4

# Triad

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



B78BD6



C79250



00B1AE

# Complementary

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



B78BD6



AAD68B

# 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.



3CAF85



B78BD6



A3A04D

# Square

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



B78BD6



E08467



77AA61



00AED2

# Rectangle

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



B78BD6



E67B99



77AA61



00B1A0



# Sweetspot

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



B78BD6



F3E3FF



8BAAD6



796F80



000000



808080



# Same Dimension

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



B78BD6



D394FF



D68BD0



67606B



6400AB



19002B



# Inverse Universe

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



D68BAA



FF94C0



8BD691



6B6065



AB0047

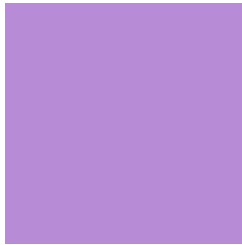


2B0012



# Previews

## White Background



This preview shows how the Hex color B78BD6 looks on a white background.

## Color Contrast Check

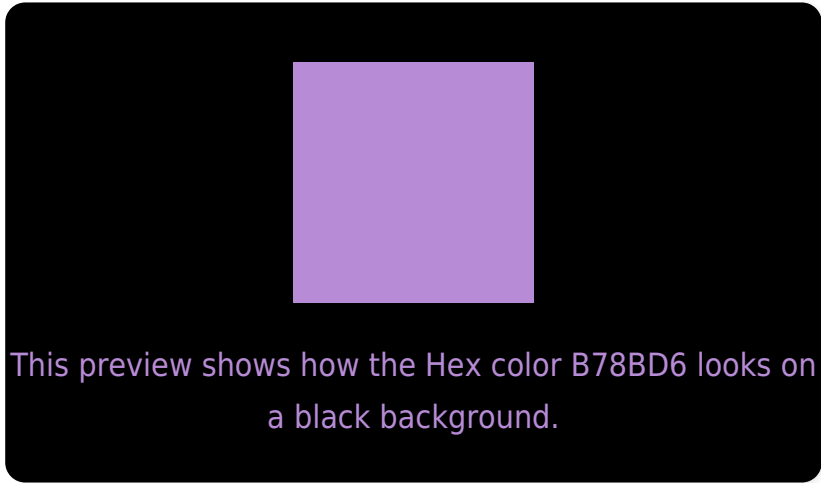
Large Text (above 18pt) WCAG AA × Fail

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

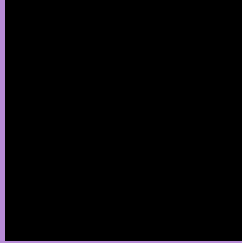
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B78BD6 Background



This preview shows how black text looks on a background with the Hex color B78BD6.

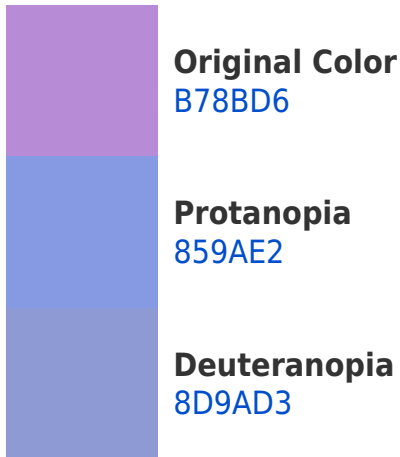


This preview shows how white text looks on a background with the Hex color B78BD6.

# 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](#).

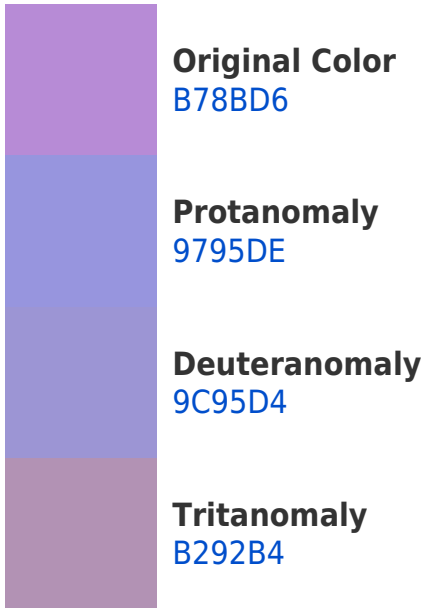
## Dichromacy



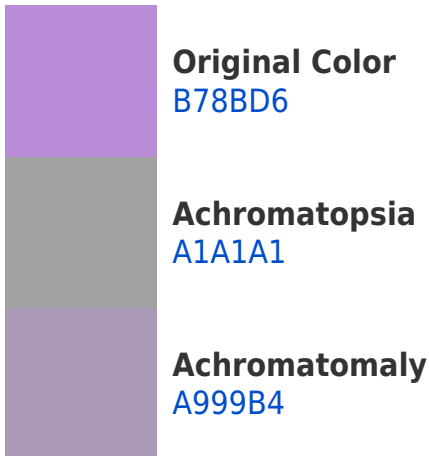


**Tritanopia**  
AF96A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B78BD6 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 #B78BD6 looks like.

```
.text, #text, p{  
    color:#B78BD6  
}
```

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 #B78BD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B78BD6
}
```

## Border

The CSS property to change the border of an element to Hex B78BD6 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
#B78BD6 }
```

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

```
.border{ border-color:#B78BD6 }
```

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

Here you see how a box with a 4 pixel #B78BD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B78BD6; -webkit-box-shadow:4px 4px  
4px 4px #B78BD6; box-shadow:4px 4px 4px  
4px #B78BD6 }
```

# Background

The CSS property to change the background color of an element to Hex B78BD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B78BD6 }
```

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

```
.background{ background-color:#B78BD6 }
```

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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