

# Converting Colors

Hex(B8B3DB)

Have a look what the booklet for  
Hex(B8B3DB) contains.

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# **Color**

**Hex(B8B3DB)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | B8B3DB                     |
| RGB         | 184, 179, 219              |
| RGB Percent | 72%, 70%, 86%              |
| CMY         | 0.2784, 0.2980, 0.1412     |
| CMYK        | 0.16, 0.18, 0.00, 0.14     |
| HSL         | 248°, 36%, 78%             |
| HSV         | 248°, 18%, 86%             |
| XYZ         | 48.6734, 47.5450, 73.6296  |
| YIQ         | 185.0550, -9.8600, 13.5000 |

# Conversions

## Conversions Part 2

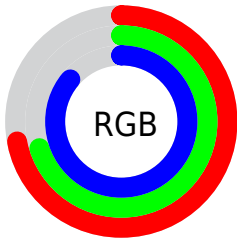
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 184, 179, 219                 |
| Decimal                             | 12104667                      |
| CIELab                              | 74.54, 9.78, -19.45           |
| CIELCh                              | 75, 21.769, 296.695           |
| Yxy                                 | 47.5450, 0.2866,<br>0.2799    |
| Android<br>(android.graphics.Color) | 4290294747<br>(0xFFB8B3DB)    |
| YUV                                 | 185.0550, 16.7349,<br>-0.9252 |
| Hunter-Lab                          | 68.9529, 5.3345,<br>-15.0443  |

# Details

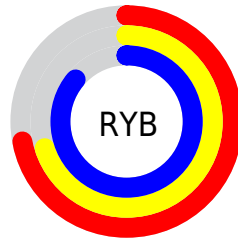
The Hex color **B8B3DB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D6DBB3**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F0EBFF**, and **837EA4** is the 20% darker color. If you saturate the color by 10%, you get **A59DDB**, and if you desaturate by 10%, it is **CBC9DB**.

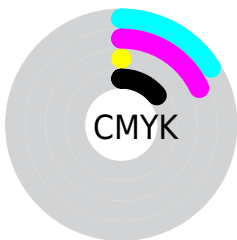
# Distribution



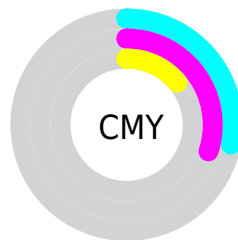
- Red (72%)
- Green (70%)
- Blue (86%)



- Red (72%)
- Yellow (70%)
- Blue (86%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (30%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8B3DB 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 B8B3DB by changing the saturation by 10% instead.



 B8B3DB

 B8B3DB

FFFFFF

 9D98BF

 F0EBFF

 837EA4

 69658A

 514D70

 393758

 222140

 0E0B2A

 000115

 000000

 B8B3DB

 B8B3DB

 A59DDB

 CBC9DB

 9287DB

 DEDFDB

 7F71DB

 F1F5DB

 6B5BDB

 FFFFDB

 5846DB

 4530DB

 321ADB

 1F04DB

 1B00DB

# Harmonies

## Analogous

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



9DBADF



B8B3DB



CFADCE

# Triad

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



B8B3DB



D9AF97



89C3B4

# Complementary

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



B8B3DB



D6DBB3

# 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.



9DC0A1



B8B3DB



C9B590

# Square

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



B8B3DB



E1AAA6



B3BC93



80C2C9

# Rectangle

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



B8B3DB



DAAAC1



B3BC93



8FC2AD



# Sweetspot

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



B8B3DB



F4F2FF



B3D6DB



797880



000000



808080



# Same Dimension

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



B8B3DB



CEC7FF



CCB3DB



64636E



1600AD



06002E



# Inverse Universe

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



DBB3D6



FFC7F8



C2DBB3



6E636C



AD0098

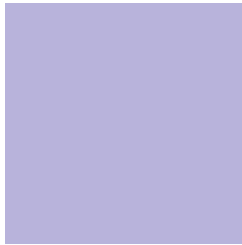


2E0028



# Previews

## White Background



This preview shows how the Hex color B8B3DB looks on a white background.

## Color Contrast Check

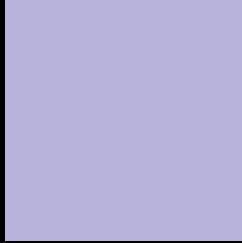
Large Text (above 18pt) WCAG AA × Fail

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 B8B3DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

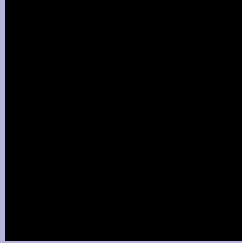
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B8B3DB Background



This preview shows how black text looks on a background with the Hex color B8B3DB.

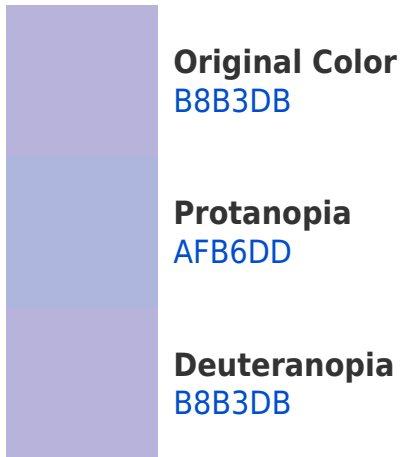


This preview shows how white text looks on a background with the Hex color B8B3DB.

# 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](#).

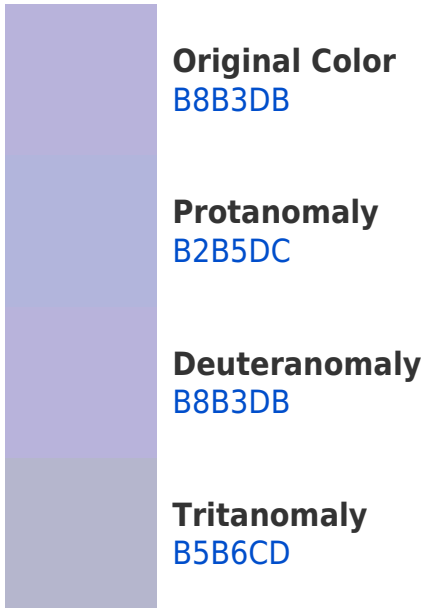
## Dichromacy



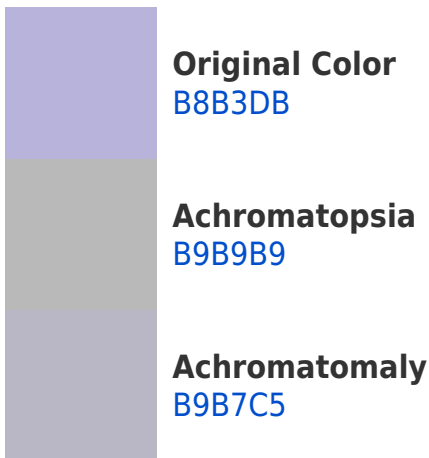


**Tritanopia**  
B4B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8B3DB 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 #B8B3DB looks like.

```
.text, #text, p{  
    color:#B8B3DB  
}
```

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 #B8B3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8B3DB
}
```

## Border

The CSS property to change the border of an element to Hex B8B3DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

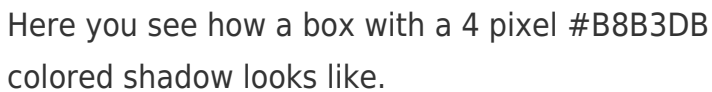
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8B3DB }
```

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

```
.border{ border-color:#B8B3DB }
```

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



Here you see how a box with a 4 pixel #B8B3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8B3DB; -webkit-box-shadow:4px 4px  
4px 4px #B8B3DB; box-shadow:4px 4px 4px  
4px #B8B3DB }
```

# Background

The CSS property to change the background color of an element to Hex B8B3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8B3DB }
```

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

```
.background{ background-color:#B8B3DB }
```

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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