

# Converting Colors

Hex(B8B8DB)

Have a look what the booklet for  
Hex(B8B8DB) contains.

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# Color

**Hex(B8B8DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8B8DB
RGB	184, 184, 219
RGB Percent	72%, 72%, 86%
CMY	0.2784, 0.2784, 0.1412
CMYK	0.16, 0.16, 0.00, 0.14
HSL	240°, 33%, 79%
HSV	240°, 16%, 86%
XYZ	49.6938, 49.5858, 73.9697
YIQ	187.9900, -11.2350, 10.8850

# Conversions

## Conversions Part 2

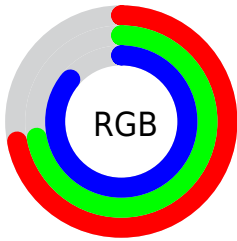
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 184, 219
Decimal	12105947
CIELab	75.81, 7.05, -17.52
CIELCh	76, 18.882, 291.925
Yxy	49.5858, 0.2868, 0.2862
Android (android.graphics.Color)	4290296027 (0xFFB8B8DB)
YUV	187.9900, 15.2879, -3.4992
Hunter-Lab	70.4172, 2.7385, -12.9891

# Details

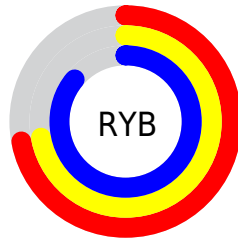
The Hex color **B8B8DB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DBDBB8**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **F0F0FF**, and **8383A4** is the 20% darker color. If you saturate the color by 10%, you get **A2A2DB**, and if you desaturate by 10%, it is **CECEDB**.

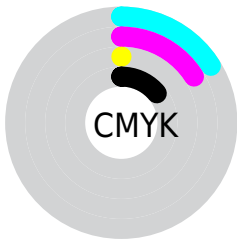
# Distribution



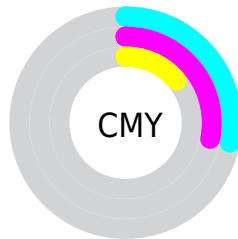
- Red (72%)
- Green (72%)
- Blue (86%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B8B8DB 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 B8B8DB by changing the saturation by 10% instead.



 B8B8DB

 B8B8DB

FFFFFF

 9D9DBF

 F0F0FF

 8383A4

 696A8A

 515270

 393B58

 232540

 0D112A

 000115

 000000

 B8B8DB

 B8B8DB

 A2A2DB

 CECEDB

 8C8CDB

 E4E4DB

 7676DB

 FAFADB

 6060DB

 FFFFDB

 4B4BDB

 3535DB

 1F1FDB

 0909DB

 0000DB

# Harmonies

## Analogous

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



A1BEDD



B8B8DB



CDB2D1

# Triad

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



B8B8DB



DAB3A0



96C5B5

# Complementary

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



B8B8DB



DBDBB8

# 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.



A7C2A5



B8B8DB



CDB899

# Square

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



B8B8DB



E0AFAF



BBE9A



8DC5C7

# Rectangle

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



B8B8DB



D7B0C6



BBBE9A



9BC4AF



# Sweetspot

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



B8B8DB



F2F2FF



B8DBDB



787880



000000



808080



# Same Dimension

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



B8B8DB



CFCFFF



CAB8DB



63636E



0000AD



00002E



# Inverse Universe

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



DBB8DB



FFCFFF



CADBB8



6E636E



AD00AD

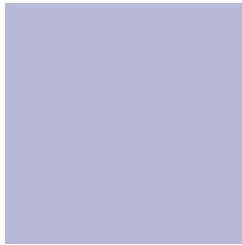


2E002E



# Previews

## White Background



This preview shows how the Hex color B8B8DB looks on a white background.

## Color Contrast Check

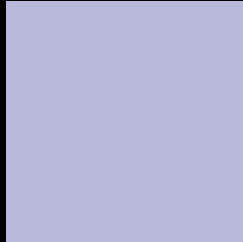
Large Text (above 18pt) WCAG AA × Fail

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 B8B8DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

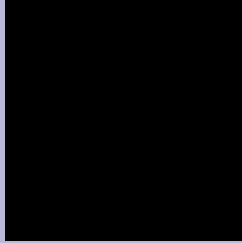
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B8B8DB Background



This preview shows how black text looks on a background with the Hex color B8B8DB.



This preview shows how white text looks on a background with the Hex color B8B8DB.

# 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



**Original Color**  
B8B8DB

**Protanopia**  
B4B9DC

**Deuteranopia**  
BDB6DB



# Trichromacy



**Original Color**  
B8B8DB

**Protanomaly**  
B5B9DC

**Deuteranomaly**  
BBB7DB

**Tritanomaly**  
B6BAD0

# Monochromacy



**Original Color**  
B8B8DB

**Achromatopsia**  
BCBCBC

**Achromatomaly**  
BBB7BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8B8DB 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 #B8B8DB looks like.

```
.text, #text, p{  
    color:#B8B8DB  
}
```

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 #B8B8DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8B8DB  
}
```

## Border

The CSS property to change the border of an element to Hex B8B8DB 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  
#B8B8DB }
```

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

```
.border{ border-color:#B8B8DB }
```

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

Here you see how a box with a 4 pixel #B8B8DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8B8DB; -webkit-box-shadow:4px 4px  
4px 4px #B8B8DB; box-shadow:4px 4px 4px  
4px #B8B8DB }
```

# Background

The CSS property to change the background color of an element to Hex B8B8DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8B8DB }
```

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

```
.background{ background-color:#B8B8DB }
```

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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