

# Converting Colors

Hex(B4B9DD)

Have a look what the booklet for  
Hex(B4B9DD) contains.

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# Color

**Hex(B4B9DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4B9DD
RGB	180, 185, 221
RGB Percent	71%, 73%, 87%
CMY	0.2941, 0.2745, 0.1333
CMYK	0.19, 0.16, 0.00, 0.13
HSL	233°, 38%, 79%
HSV	233°, 19%, 87%
XYZ	49.2225, 49.6217, 75.3903
YIQ	187.6090, -14.5360, 10.1360

# Conversions

## Conversions Part 2

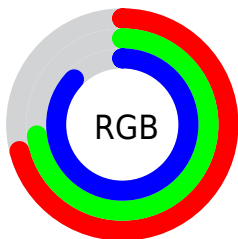
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 184, 221
Decimal	11844061
CIELab	75.84, 5.68, -18.60
CIELCh	76, 19.444, 286.977
Yxy	49.6217, 0.2825, 0.2848
Android (android.graphics.Color)	4290034141 (0xFFB4B9DD)
YUV	187.6090, 16.4618, -6.6731
Hunter-Lab	70.4427, 1.4540, -14.1444

# Details

The Hex color **B4B9DD** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DDD8B4**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **ECF1FF**, and **7F84A6** is the 20% darker color. If you saturate the color by 10%, you get **9EA6DD**, and if you desaturate by 10%, it is **CACCDD**.

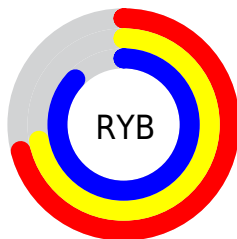
# Distribution



Red (71%)

Green (73%)

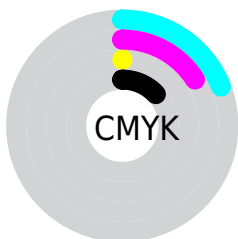
Blue (87%)



Red (71%)

Yellow (72%)

Blue (87%)

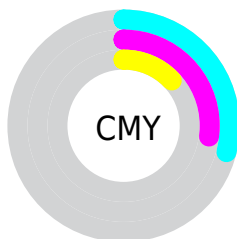


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (13%)



Cyan (29%)

Magenta (27%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4B9DD 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 B4B9DD by changing the saturation by 10% instead.



 B4B9DD

 B4B9DD

FFFFFF

 999EC1


 ECF1FF

 7F84A6

 656B8B

 4D5372

 353C59

 1E2642

 08122C

 000117

 000000

 B4B9DD

 B4B9DD

 9EA6DD

 CACCDD

 8892DD

 E0E0DD

 727FDD

 F6F3DD

 5C6BDD

 FFFFDD

 4658DD

 2F45DD

 1931DD

 031EDD

 001BDD

# Harmonies

## Analogous

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



9DBFDD



B4B9DD



CAB3D4

# Triad

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



B4B9DD



DDB2A1



97C5B2

# Complementary

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



B4B9DD



DDD8B4

# 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.



AAC2A2



B4B9DD



D0B798

# Square

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



B4B9DD



E1AFB1



BEBD99



8CC5C5

# Rectangle

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



B4B9DD



D6B0C9



BEBD99



9DC4AC



# Sweetspot

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



B4B9DD



F0F2FF



B4DDD8



777880



000000



808080



# Same Dimension

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



B4B9DD



C7CEFF



C3B4DD



63646E



0015AD



00062E



# Inverse Universe

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



DDB4B9



FFC7CE



CEDDB4



6E6364



AD0015

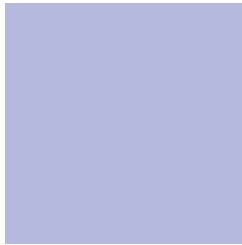


2E0006



# Previews

## White Background



This preview shows how the Hex color B4B9DD looks on a white background.

## Color Contrast Check

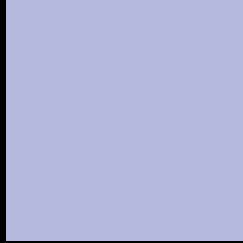
Large Text (above 18pt) WCAG AA × Fail

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 B4B9DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

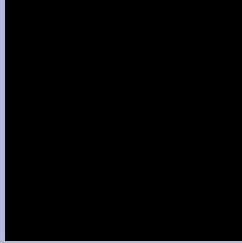
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4B9DD Background



This preview shows how black text looks on a background with the Hex color B4B9DD.



This preview shows how white text looks on a background with the Hex color B4B9DD.

# 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



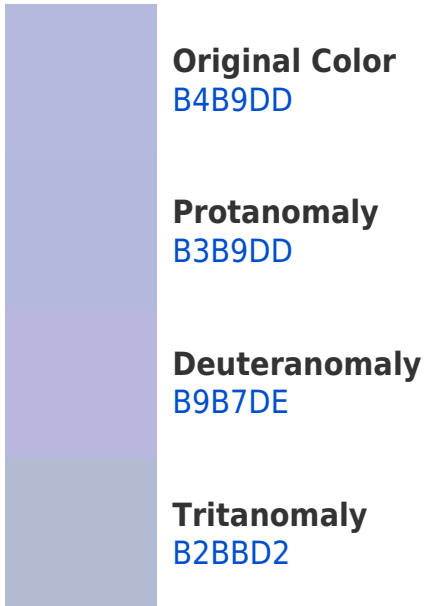
**Original Color**  
B4B9DD

**Protanopia**  
B3B9DD

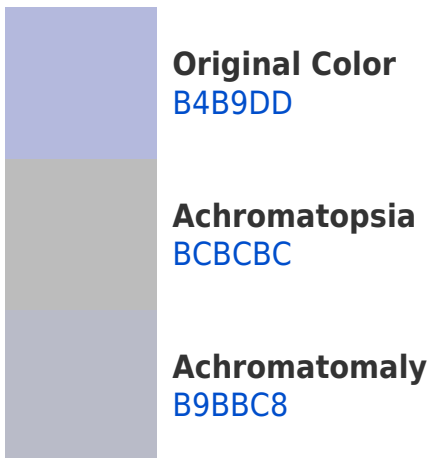
**Deuteranopia**  
BCB6DE



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4B9DD 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 #B4B9DD looks like.

```
.text, #text, p{  
    color:#B4B9DD  
}
```

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 #B4B9DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4B9DD
}
```

## Border

The CSS property to change the border of an element to Hex B4B9DD 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
#B4B9DD }
```

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

```
.border{ border-color:#B4B9DD }
```

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

Here you see how a box with a 4 pixel #B4B9DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4B9DD; -webkit-box-shadow:4px 4px  
4px 4px #B4B9DD; box-shadow:4px 4px 4px  
4px #B4B9DD }
```

# Background

The CSS property to change the background color of an element to Hex B4B9DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4B9DD }
```

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

```
.background{ background-color:#B4B9DD }
```

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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