

# Converting Colors

Hex(B5B2DC)

Have a look what the booklet for  
Hex(B5B2DC) contains.

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# Color

Hex(B5B2DC)

# Conversions

## Conversions Part 1

Format	Color
Hex	B5B2DC
RGB	181, 178, 220
RGB Percent	71%, 70%, 86%
CMY	0.2902, 0.3020, 0.1373
CMYK	0.18, 0.19, 0.00, 0.14
HSL	244°, 38%, 78%
HSV	244°, 19%, 86%
XYZ	47.8947, 46.8319, 74.2253
YIQ	183.6850, -11.6940, 13.6980

# Conversions

## Conversions Part 2

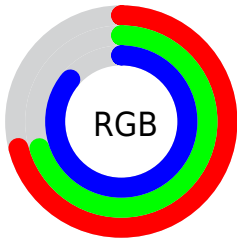
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 178, 220
Decimal	11907804
CIELab	74.08, 9.60, -20.71
CIELCh	74, 22.821, 294.866
Yxy	46.8319, 0.2835, 0.2772
Android (android.graphics.Color)	4290097884 (0xFFB5B2DC)
YUV	183.6850, 17.9033, -2.3547
Hunter-Lab	68.4338, 5.1675, -16.4040

# Details

The Hex color **B5B2DC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D9DCB2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **EDEAFF**, and **807DA5** is the 20% darker color. If you saturate the color by 10%, you get **A19CDC**, and if you desaturate by 10%, it is **C9C8DC**.

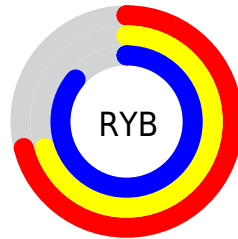
# Distribution



Red (71%)

Green (70%)

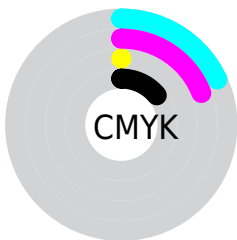
Blue (86%)



Red (71%)

Yellow (70%)

Blue (86%)

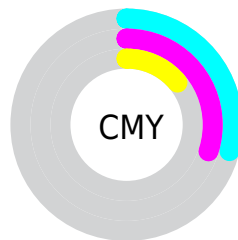


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (14%)



Cyan (29%)

Magenta (30%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5B2DC 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 B5B2DC by changing the saturation by 10% instead.



 B5B2DC

FFFFFF

 EDEAFF

 B5B2DC

 9A97C0

 807DA5

 66648A

 4E4D71

 363658

 1F2141

 0A0A2B

 000116

 000000

 B5B2DC

 B5B2DC

 A19CDC

 C9C8DC

 8C86DC

 DEDEDC

 7870DC

 F2F4DC

 635ADC

 FFFFDC

 4F44DC

 3A2EDC

 2618DC

 1202DC

 1000DC

# Harmonies

## Analogous

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



99B9DF



B5B2DC



CEABCF

# Triad

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



B5B2DC



DAAD95



86C2B2

# Complementary

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



B5B2DC



D9DCB2

# 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.



9BBF9D



B5B2DC



C9B38D

# Square

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



B5B2DC



E1A8A5



B3BA90



7BC2C7

# Rectangle

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



B5B2DC



DAA8C2



B3BA90



8DC1AA



# Sweetspot

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



B5B2DC



F1F0FF



B2D9DC



777780



000000



808080



# Same Dimension

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



B5B2DC



C9C4FF



CAB2DC



63636E



0C00AD



03002E



# Inverse Universe

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



DCB2D9



FFC4FB



C4DCB2



6E636D



AD00A1

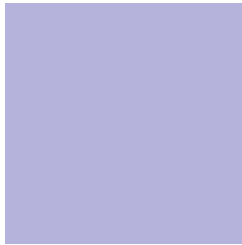


2E002B



# Previews

## White Background



This preview shows how the Hex color B5B2DC looks on a white background.

## Color Contrast Check

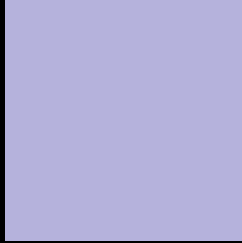
Large Text (above 18pt) WCAG AA × Fail

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 B5B2DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

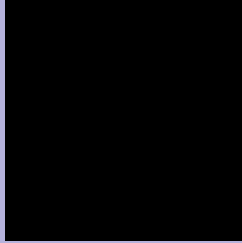
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5B2DC Background



This preview shows how black text looks on a background with the Hex color B5B2DC.



This preview shows how white text looks on a background with the Hex color B5B2DC.

# 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**  
B5B2DC

**Protanopia**  
ADB4DE

**Deuteranopia**  
B5B2DC



**Tritanopia**  
B1B6C5

# Trichromacy



**Original Color**  
B5B2DC

**Protanomaly**  
B0B3DD

**Deuteranomaly**  
B5B2DC

**Tritanomaly**  
B2B5CD

# Monochromacy



**Original Color**  
B5B2DC

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
B7B6C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5B2DC 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 #B5B2DC looks like.

```
.text, #text, p{  
    color:#B5B2DC  
}
```

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 #B5B2DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B2DC
}
```

## Border

The CSS property to change the border of an element to Hex B5B2DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

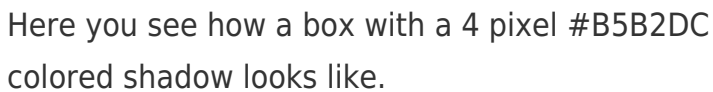
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5B2DC }
```

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

```
.border{ border-color:#B5B2DC }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow. The shadow is a 4px wide, 4px high, 4px offset purple box. The text inside the box is "Here you see how a box with a 4 pixel #B5B2DC colored shadow looks like." data-bbox="137 528 878 605"/>

Here you see how a box with a 4 pixel #B5B2DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B2DC; -webkit-box-shadow:4px 4px  
4px 4px #B5B2DC; box-shadow:4px 4px 4px  
4px #B5B2DC }
```

# Background

The CSS property to change the background color of an element to Hex B5B2DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B2DC }
```

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

```
.background{ background-color:#B5B2DC }
```

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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