

# Converting Colors

Hex(B2B8DD)

Have a look what the booklet for  
Hex(B2B8DD) contains.

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# Color

**Hex(B2B8DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B8DD
RGB	178, 184, 221
RGB Percent	70%, 72%, 87%
CMY	0.3020, 0.2784, 0.1333
CMYK	0.19, 0.17, 0.00, 0.13
HSL	232°, 39%, 78%
HSV	232°, 19%, 87%
XYZ	48.5517, 48.9664, 75.2991
YIQ	186.4240, -15.4530, 10.2350

# Conversions

## Conversions Part 2

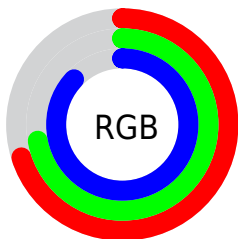
Format	Color
R <sub>Y</sub> B	178, 183, 221
Decimal	11712733
CIE Lab	75.43, 5.60, -19.23
CIE LCh	75, 20.023, 286.227
Yxy	48.9664, 0.2809, 0.2833
Android (android.graphics.Color)	4289902813 (0xFFB2B8DD)
YUV	186.4240, 17.0460, -7.3878
Hunter-Lab	69.9760, 1.3914, -14.8170

# Details

The Hex color **B2B8DD** is a light color, and the websafe version is hex **CCCCCCF**. A complement of this color would be **DDD7B2**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EAF0FF**, and **7D83A6** is the 20% darker color. If you saturate the color by 10%, you get **9CA5DD**, and if you desaturate by 10%, it is **C8CBDD**.

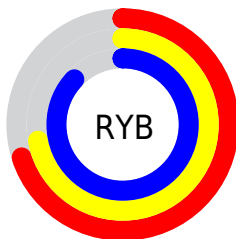
# Distribution



Red (70%)

Green (72%)

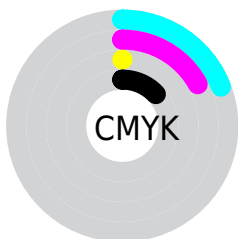
Blue (87%)



Red (70%)

Yellow (72%)

Blue (87%)

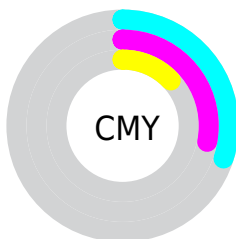


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (13%)



Cyan (30%)

Magenta (28%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B8DD 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 B2B8DD by changing the saturation by 10% instead.



 B2B8DD

 B2B8DD

FFFFFF

 979DC1

 EAF0FF

 7D83A6

 636A8B

 4B5272

 333B59

 1C2542

 06112C

 000117

 000000

 B2B8DD

 B2B8DD

 9CA5DD

 C8CBDD

 8692DD

 DEDEDD

 707FDD

 F4F1DD

 5A6CDD

 FFFFDD

 4459DD

 2D46DD

 1733DD

 0120DD

 001FDD

# Harmonies

## Analogous

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



9ABEDD



B2B8DD



C9B2D3

# Triad

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



B2B8DD



DDB0A0



95C4B0

# Complementary

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



B2B8DD



DDD7B2

# 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.



A8C1A0



B2B8DD



D0B696

# Square

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



B2B8DD



E0ADB0



BEBC96



89C4C3

# Rectangle

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



B2B8DD



D5AFC9



BEBC96



9BC3AA



# Sweetspot

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



B2B8DD



F0F2FF



B2DDD7



777880



000000



808080



# Same Dimension

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



B2B8DD



C4CDFF



C1B2DD



63646E



0018AD



00062E



# Inverse Universe

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



DDB2B8



FFC4CD



CEDDB2



6E6364



AD0018

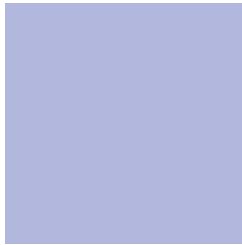


2E0006



# Previews

## White Background



This preview shows how the Hex color B2B8DD looks on a white background.

## Color Contrast Check

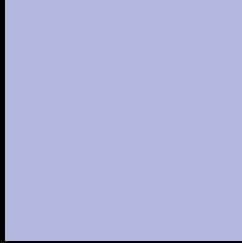
Large Text (above 18pt) WCAG AA × Fail

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 B2B8DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

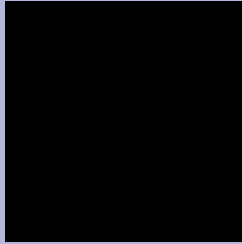
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2B8DD Background



This preview shows how black text looks on a background with the Hex color B2B8DD.



This preview shows how white text looks on a background with the Hex color B2B8DD.

# 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**  
B2B8DD

**Protanopia**  
B2B8DD

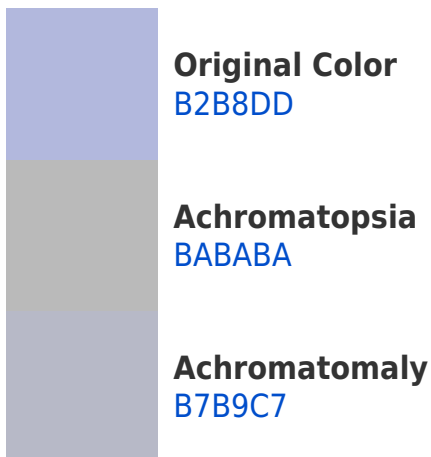
**Deuteranopia**  
BAB5DE



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B8DD 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 #B2B8DD looks like.

```
.text, #text, p{  
    color:#B2B8DD  
}
```

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 #B2B8DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B8DD }  
}
```

## Border

The CSS property to change the border of an element to Hex B2B8DD 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 #B2B8DD }  
}
```

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

```
.border{ border-color:#B2B8DD }
```

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

Here you see how a box with a 4 pixel #B2B8DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B8DD; -webkit-box-shadow:4px 4px  
4px 4px #B2B8DD; box-shadow:4px 4px 4px  
4px #B2B8DD }
```

# Background

The CSS property to change the background color of an element to Hex B2B8DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B8DD }
```

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

```
.background{ background-color:#B2B8DD }
```

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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