

# Converting Colors

Hex(B9BDC8)

Have a look what the booklet for  
Hex(B9BDC8) contains.

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# **Color**

**Hex(B9BDC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9BDC8
RGB	185, 189, 200
RGB Percent	73%, 74%, 78%
CMY	0.2745, 0.2588, 0.2157
CMYK	0.08, 0.05, 0.00, 0.22
HSL	224°, 12%, 75%
HSV	224°, 8%, 78%
XYZ	48.6305, 50.8796, 61.9012
YIQ	189.0580, -5.9150, 2.5730

# Conversions

## Conversions Part 2

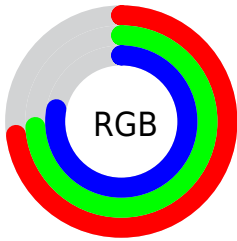
Format	Color
<b>RYB</b>	185, 188, 200
Decimal	12172744
CIELab	76.61, 0.74, -6.02
CIELCh	77, 6.063, 277.050
Yxy	50.8796, 0.3013, 0.3152
Android (android.graphics.Color)	4290362824 (0xFFB9BDC8)
YUV	189.0580, 5.3944, -3.5589
Hunter-Lab	71.3299, -3.1317, -1.5218

# Details

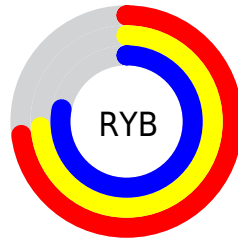
The Hex color **B9BDC8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C8C4B9**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **F1F5FF**, and **848892** is the 20% darker color. If you saturate the color by 10%, you get **A5AEC8**, and if you desaturate by 10%, it is **CDCCC8**.

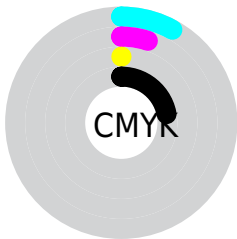
# Distribution



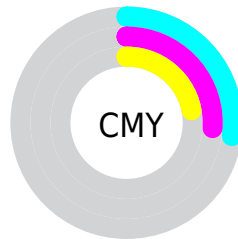
- Red (73%)
- Green (74%)
- Blue (78%)



- Red (73%)
- Yellow (74%)
- Blue (78%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (26%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9BDC8 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 B9BDC8 by changing the saturation by 10% instead.



 B9BDC8

 B9BDC8

FFFFFF

 9EA2AD

 F1F5FF


 848892

 6B6E78

 525660

 3B3F48

 262932

 11151D

 000000

 B9BDC8

 B9BDC8

■ A5AEC8

■ CDCCC8

■ 91A0C8

■ E1DAC8

■ 7D91C8

■ F5E9C8

■ 6982C8

■ FFF8C8

■ 5574C8

■ FFFF8C8

■ 4165C8

■ 2D56C8

■ 1948C8

■ 0539C8

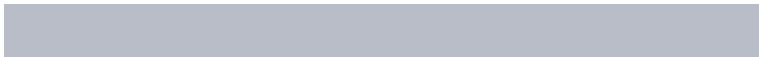
# Harmonies

## Analogous

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



B3BFC7



B9BDC8



C0BBC6

# Triad

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



B9BDC8



C9BAB6



B4C0B8

# Complementary

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



B9BDC8



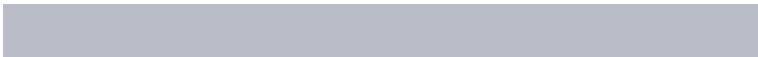
C8C4B9

# 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.



BABFB4



B9BDC8



C6BBB3

# Square

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



B9BDC8



C9B9BC



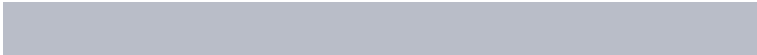
C0BDB2



B0C0BE

# Rectangle

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



B9BDC8



C4BAC3



C0BDB2



B6C0B7



# Sweetspot

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



B9BDC8



FAFBFF



B9C8C4



7D7E80



000000

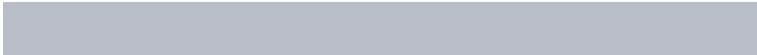


808080



# Same Dimension

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



B9BDC8



E8EEFF



BCB9C8



5A5C63



002CA3



000A24



# Inverse Universe

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



C8B9BD



FFE8EE



C5C8B9



635A5C



A3002C

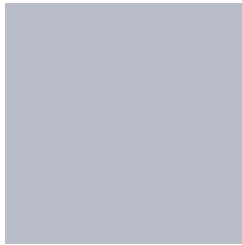


24000A



# Previews

## White Background



This preview shows how the Hex color B9BDC8 looks on a white background.

## Color Contrast Check

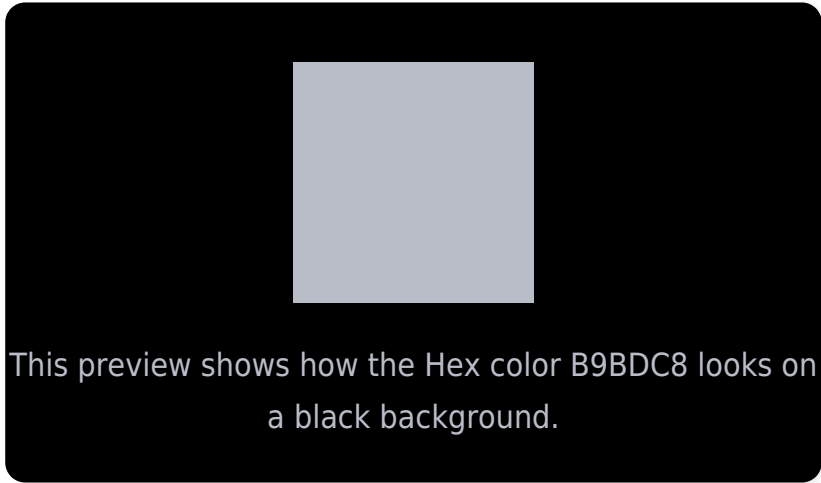
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

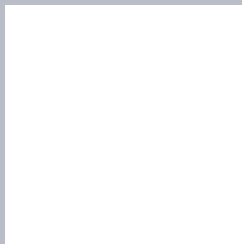
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9BDC8 Background



This preview shows how black text looks on a background with the Hex color B9BDC8.

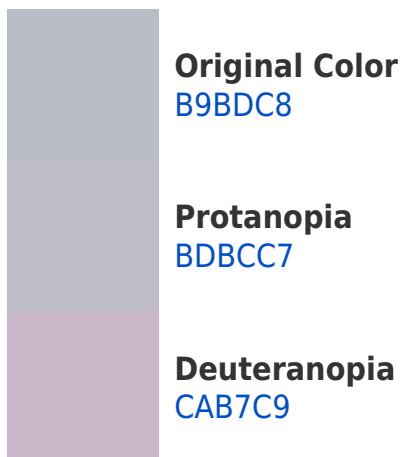


This preview shows how white text looks on a background with the Hex color B9BDC8.

# 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





# Trichromacy



**Original Color**  
B9BDC8

**Protanomaly**  
BCBCC7

**Deuteranomaly**  
C4B9C9

**Tritanomaly**  
BABCCA

# Monochromacy



**Original Color**  
B9BDC8

**Achromatopsia**  
BDBDBD

**Achromatomaly**  
BCBDC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9BDC8 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 #B9BDC8 looks like.

```
.text, #text, p{  
    color:#B9BDC8  
}
```

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 #B9BDC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9BDC8  
}
```

## Border

The CSS property to change the border of an element to Hex B9BDC8 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  
#B9BDC8 }
```

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

```
.border{ border-color:#B9BDC8 }
```

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

Here you see how a box with a 4 pixel #B9BDC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9BDC8; -webkit-box-shadow:4px 4px  
4px 4px #B9BDC8; box-shadow:4px 4px 4px  
4px #B9BDC8 }
```

# Background

The CSS property to change the background color of an element to Hex B9BDC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9BDC8 }
```

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

```
.background{ background-color:#B9BDC8 }
```

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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