

# Converting Colors

Hex(B3BACD)

Have a look what the booklet for  
Hex(B3BACD) contains.

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# **Color**

**Hex(B3BACD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B3BACD
RGB	179, 186, 205
RGB Percent	70%, 73%, 80%
CMY	0.2980, 0.2706, 0.1961
CMYK	0.13, 0.09, 0.00, 0.20
HSL	224°, 21%, 75%
HSV	224°, 13%, 80%
XYZ	47.1688, 49.1093, 64.7506
YIQ	186.0730, -10.2710, 4.4250

# Conversions

## Conversions Part 2

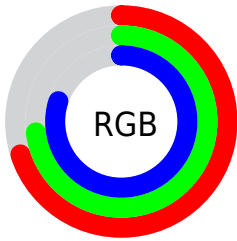
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 185, 205
Decimal	11778765
CIELab	75.52, 1.38, -10.39
CIELCh	76, 10.486, 277.566
Yxy	49.1093, 0.2929, 0.3050
Android (android.graphics.Color)	4289968845 (0xFFB3BACD)
YUV	186.0730, 9.3310, -6.2030
Hunter-Lab	70.0780, -2.4901, -5.7281

# Details

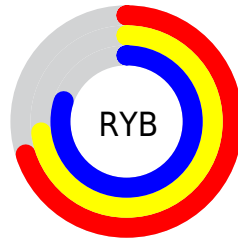
The Hex color **B3BACD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CDC6B3**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EBF2FF**, and **7E8597** is the 20% darker color. If you saturate the color by 10%, you get **9EABCD**, and if you desaturate by 10%, it is **C8C9CD**.

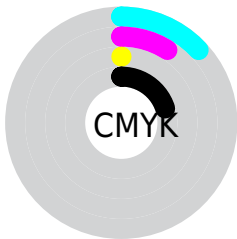
# Distribution



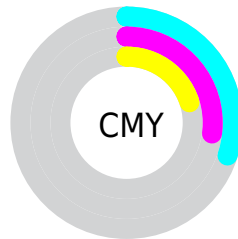
- Red (70%)
- Green (73%)
- Blue (80%)



- Red (70%)
- Yellow (73%)
- Blue (80%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (27%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3BACD 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 B3BACD by changing the saturation by 10% instead.



 B3BACD

 B3BACD

FFFFFF

 989FB2

 EBF2FF

 7E8597

 656C7D

 4D5464

 363C4C

 202735

 0B1220

 000006

 000000

 B3BACD

 B3BACD

 9EABCD

 C8C9CD

 8A9CCD

 DCD8CD

 768DCD

 F1E7CD

 617ECD

 FFF6CD

 4D6FCD

 FFFFCD

 3860CD

 2351CD

 0F42CD

 0037CD

# Harmonies

## Analogous

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



A8BDCC



B3BACD



BFB7C9

# Triad

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



B3BACD



CEB5AF



AABFB2

# Complementary

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



B3BACD



CDC6B3

# 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.



B4BDAB



B3BACD



C9B7A8

# Square

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



B3BACD



CFB4B8



C0BAA7



A3C0BC

# Rectangle

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



B3BACD



C6B5C5



C0BAA7



ADBFAF



# Sweetspot

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



B3BACD



F5F8FF



B3CDC6



797B80



000000



808080



# Same Dimension

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



B3BACD



D9E3FF



B9B3CD



5C5F66



002DA6



000A26



# Inverse Universe

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



CDB3BA



FFD9E3



C7CDB3



665C5F



A6002D

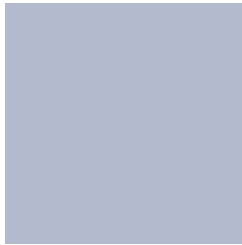


26000A



# Previews

## White Background



This preview shows how the Hex color B3BACD looks on a white background.

## Color Contrast Check

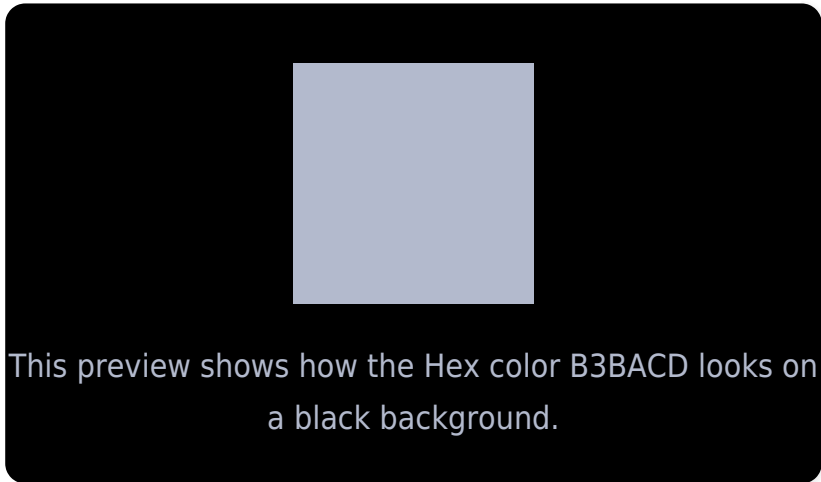
Large Text (above 18pt) WCAG AA × Fail

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

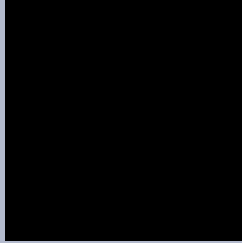
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

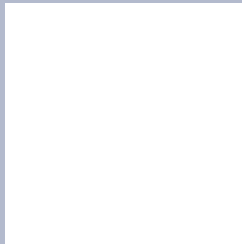
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3BACD Background



This preview shows how black text looks on a background with the Hex color B3BACD.

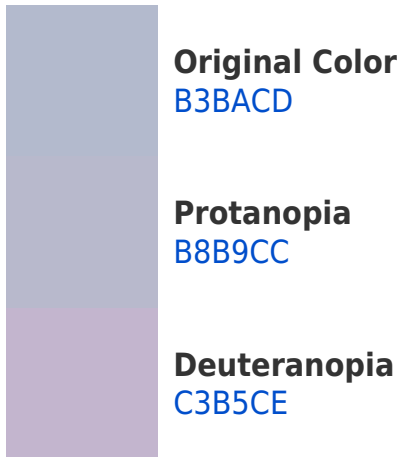


This preview shows how white text looks on a background with the Hex color B3BACD.

# 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](#).

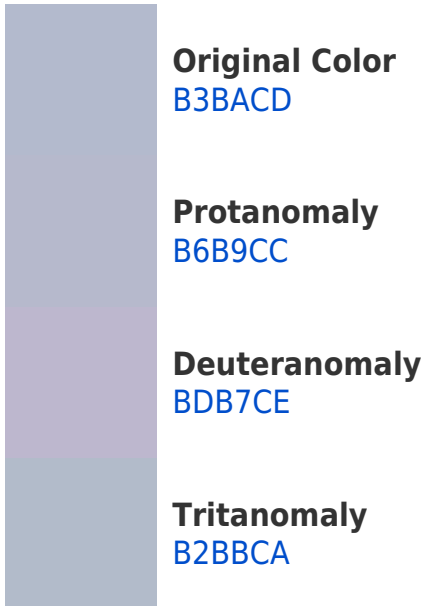
## Dichromacy



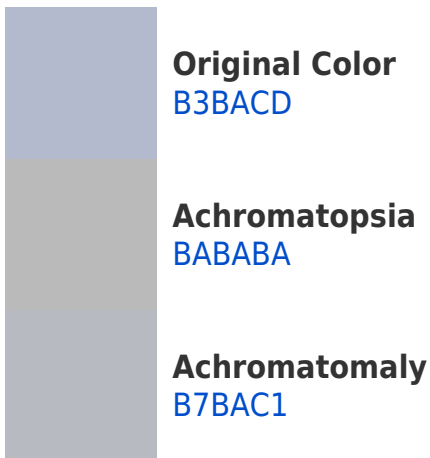


**Tritanopia**  
B2BBC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3BACD 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 #B3BACD looks like.

```
.text, #text, p{  
    color:#B3BACD  
}
```

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 #B3BACD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3BACD
}
```

## Border

The CSS property to change the border of an element to Hex B3BACD 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
#B3BACD }
```

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

```
.border{ border-color:#B3BACD }
```

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

Here you see how a box with a 4 pixel #B3BACD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3BACD; -webkit-box-shadow:4px 4px  
4px 4px #B3BACD; box-shadow:4px 4px 4px  
4px #B3BACD }
```

# Background

The CSS property to change the background color of an element to Hex B3BACD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3BACD }
```

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

```
.background{ background-color:#B3BACD }
```

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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