

# Converting Colors

Hex(B3B7D3)

Have a look what the booklet for  
Hex(B3B7D3) contains.

<b>Hex(B3B7D3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B3B7D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B7D3
RGB	179, 183, 211
RGB Percent	70%, 72%, 83%
CMY	0.2980, 0.2824, 0.1725
CMYK	0.15, 0.13, 0.00, 0.17
HSL	232°, 27%, 76%
HSV	232°, 15%, 83%
XYZ	47.2818, 48.1538, 68.4306
YIQ	184.9960, -11.3720, 7.8600

# Conversions

## Conversions Part 2

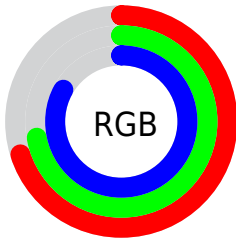
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 183, 211
Decimal	11778003
CIELab	74.92, 4.27, -14.55
CIELCh	75, 15.166, 286.359
Yxy	48.1538, 0.2885, 0.2939
Android (android.graphics.Color)	4289968083 (0xFFB3B7D3)
YUV	184.9960, 12.8200, -5.2585
Hunter-Lab	69.3930, 0.1855, -9.8927

# Details

The Hex color **B3B7D3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D3CFB3**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EBEFFF**, and **7E829C** is the 20% darker color. If you saturate the color by 10%, you get **9EA5D3**, and if you desaturate by 10%, it is **C8C9D3**.

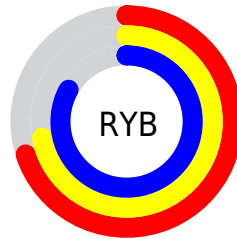
# Distribution



Red (70%)

Green (72%)

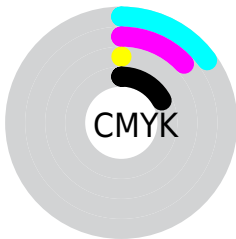
Blue (83%)



Red (70%)

Yellow (72%)

Blue (83%)

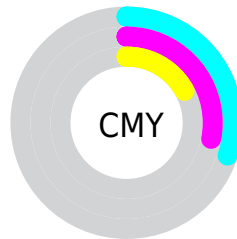


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (17%)



Cyan (30%)

Magenta (28%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3B7D3 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 B3B7D3 by changing the saturation by 10% instead.



 B3B7D3

 B3B7D3

FFFFFF

 989CB7

 EBEFFF

 7E829C

 656982

 4D5169

 353A51

 1F253A

 0A0F24

 00010E

 000000

 B3B7D3

 B3B7D3

 9EA5D3

 C8C9D3

 8992D3

 DDDCD3

 7480D3

 F2EED3

 5F6DD3

 FFFFD3

 4A5BD3

 3448D3

 1F36D3

 0A23D3

 001AD3

# Harmonies

## Analogous

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



A2BCD3



B3B7D3



C4B2CC

# Triad

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



B3B7D3



D3B1A5



9DC0B1

# Complementary

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



B3B7D3



D3CFB3

# 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.



ABBEA5



B3B7D3



CAB59E

# Square

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



B3B7D3



D6AFB1



BBBA9E



95C1C0

# Rectangle

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



B3B7D3



CDB0C4



BBBA9E



A1C0AD



# Sweetspot

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



B3B7D3



F2F4FF



B3D3CF



787980



000000



808080



# Same Dimension

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



B3B7D3



D1D7FF



BFB3D3



5E5F69



0015A8



000529



# Inverse Universe

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



D3B3B7



FFD1D7



C7D3B3



695E5F



A80015

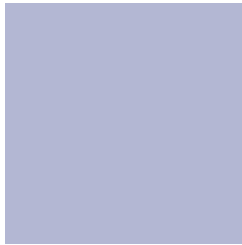


290005



# Previews

## White Background



This preview shows how the Hex color B3B7D3 looks on a white background.

## Color Contrast Check

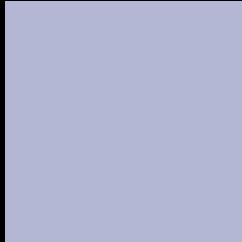
Large Text (above 18pt) WCAG AA × Fail

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 B3B7D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

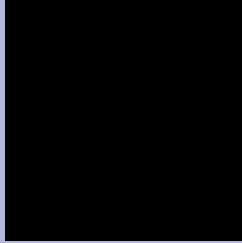
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3B7D3 Background



This preview shows how black text looks on a background with the Hex color B3B7D3.



This preview shows how white text looks on a background with the Hex color B3B7D3.

# 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**  
B3B7D3

**Protanopia**  
B4B7D3

**Deuteranopia**  
BDB4D4



**Tritanopia**  
B1B9C8

# Trichromacy



**Original Color**  
B3B7D3

**Protanomaly**  
B4B7D3

**Deuteranomaly**  
B9B5D4

**Tritanomaly**  
B2B8CC

# Monochromacy



**Original Color**  
B3B7D3

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
B7B8C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3B7D3 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 #B3B7D3 looks like.

```
.text, #text, p{  
    color:#B3B7D3  
}
```

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 #B3B7D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B7D3
}
```

## Border

The CSS property to change the border of an element to Hex B3B7D3 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
#B3B7D3 }
```

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

```
.border{ border-color:#B3B7D3 }
```

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

Here you see how a box with a 4 pixel #B3B7D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B7D3; -webkit-box-shadow:4px 4px  
4px 4px #B3B7D3; box-shadow:4px 4px 4px  
4px #B3B7D3 }
```

# Background

The CSS property to change the background color of an element to Hex B3B7D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B7D3 }
```

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

```
.background{ background-color:#B3B7D3 }
```

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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