

# Converting Colors

Hex(BDC3B7)

Have a look what the booklet for  
Hex(BDC3B7) contains.

<b>Hex(BDC3B7)</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(BDC3B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDC3B7
RGB	189, 195, 183
RGB Percent	74%, 76%, 72%
CMY	0.2588, 0.2353, 0.2824
CMYK	0.03, 0.00, 0.06, 0.24
HSL	90°, 9%, 74%
HSV	90°, 6%, 76%
XYZ	49.0486, 53.2679, 52.4963
YIQ	191.8380, 0.2760, -5.0040

# Conversions

## Conversions Part 2

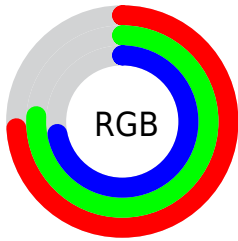
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 195, 189
Decimal	12436407
CIELab	78.03, -4.26, 5.30
CIELCh	78, 6.801, 128.819
Yxy	53.2679, 0.3168, 0.3441
Android (android.graphics.Color)	4290626487 (0xFFBDC3B7)
YUV	191.8380, -4.3571, -2.4889
Hunter-Lab	72.9849, -7.7648, 8.4435

# Details

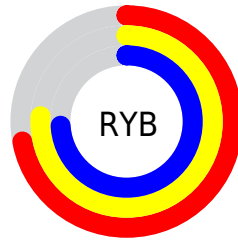
The Hex color **BDC3B7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BDB7C3**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **F5FCEF**, and **888D82** is the 20% darker color. If you saturate the color by 10%, you get **B3C3A4**, and if you desaturate by 10%, it is **C7C3CB**.

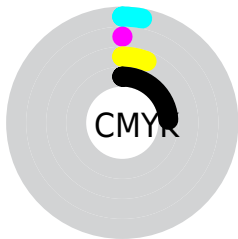
# Distribution



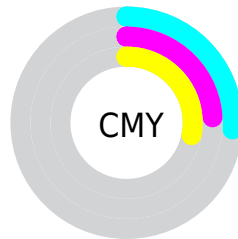
- Red (74%)
- Green (76%)
- Blue (72%)



- Red (72%)
- Yellow (76%)
- Blue (74%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDC3B7 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 BDC3B7 by changing the saturation by 10% instead.



 BDC3B7

 BDC3B7

FFFFFF

 A2A89C

 F5FCEF

 888D82

 6E7469

 565B51

 3F443A

 292E24

 15190F

 000000

 BDC3B7

 BDC3B7

 B3C3A4

 C7C3CB

 AAC390

 D0C3DE

 A0C37D

 DAC3F2

 96C369

 E4C3FF

 8CC356

 EEC3FF

 83C342

 F7C3FF

 79C32F

 FFC3FF

 6FC31B

 65C308

# Harmonies

## Analogous

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



C4C1B5



BDC3B7



B6C4BC

# Triad

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



BDC3B7



B6C3CC



CFBDBF

# Complementary

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



**BDC3B7**



**BDB7C3**

# Split Complementary

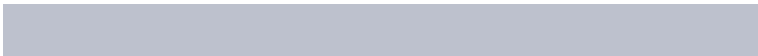
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CBBDC6



BDC3B7



BDC1CD

# Square

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



BDC3B7



B2C4C9



C5BFCB



CEBDB9

# Rectangle

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



BDC3B7



B3C5C0



C5BFCB



CEBDC1

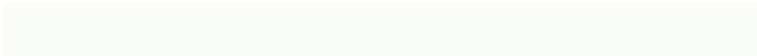


# Sweetspot

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



BDC3B7



FAFCF7



C3BDB7



7E807D



000000



808080



# Same Dimension

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



BDC3B7



F4FCEB



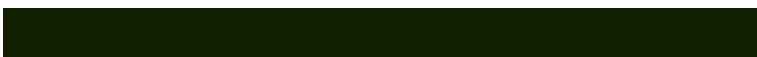
B7C3B7



5D6159



50A100



112100



# Inverse Universe

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



BDB7C3



F4EBFC



C3B7C3



5D5961



5000A1

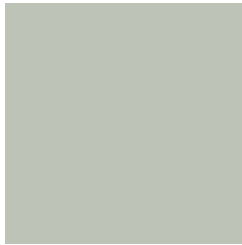


110021



# Previews

## White Background



This preview shows how the Hex color BDC3B7 looks on a white background.

## Color Contrast Check

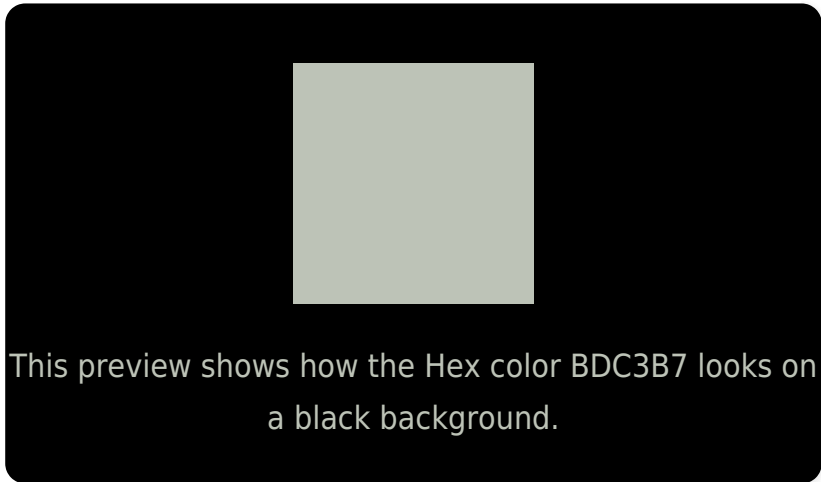
Large Text (above 18pt) WCAG AA × Fail

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

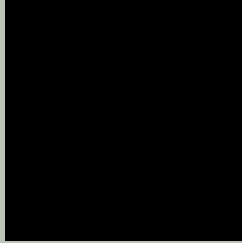
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

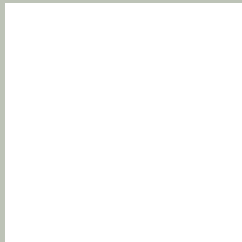
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDC3B7 Background



This preview shows how black text looks on a background with the Hex color BDC3B7.

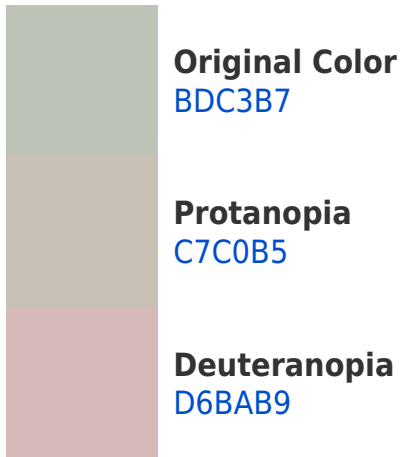


This preview shows how white text looks on a background with the Hex color BDC3B7.

# Color Blindness Simulation

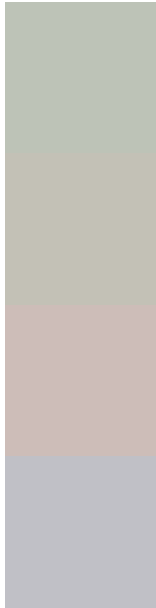
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



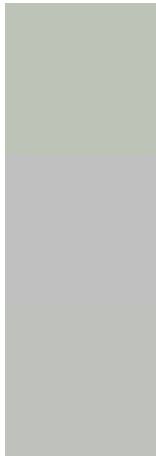
**Original Color**  
BDC3B7

**Protanomaly**  
C3C1B6

**Deuteranomaly**  
CDBDB8

**Tritanomaly**  
C0C0C6

# Monochromacy



**Original Color**  
BDC3B7

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
BFC1BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDC3B7 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 #BDC3B7 looks like.

```
.text, #text, p{  
    color:#BDC3B7  
}
```

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 #BDC3B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDC3B7
}
```

## Border

The CSS property to change the border of an element to Hex BDC3B7 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
#BDC3B7 }
```

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

```
.border{ border-color:#BDC3B7 }
```

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

Here you see how a box with a 4 pixel #BDC3B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDC3B7; -webkit-box-shadow:4px 4px  
4px 4px #BDC3B7; box-shadow:4px 4px 4px  
4px #BDC3B7 }
```

# Background

The CSS property to change the background color of an element to Hex BDC3B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDC3B7 }
```

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

```
.background{ background-color:#BDC3B7 }
```

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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