

# Converting Colors

Hex(B5BDC0)

Have a look what the booklet for  
Hex(B5BDC0) contains.

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# **Color**

**Hex(B5BDC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5BDC0
RGB	181, 189, 192
RGB Percent	71%, 74%, 75%
CMY	0.2902, 0.2588, 0.2471
CMYK	0.06, 0.02, 0.00, 0.25
HSL	196°, 8%, 73%
HSV	196°, 6%, 75%
XYZ	46.7681, 50.0247, 57.0600
YIQ	186.9500, -5.7310, -0.7630

# Conversions

## Conversions Part 2

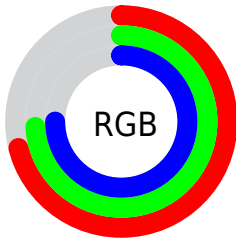
Format	Color
<a href="#">RYB</a>	<a href="#">181, 186, 192</a>
Decimal	<a href="#">11910592</a>
CIELab	<a href="#">76.08, -2.18, -2.48</a>
CIElCh	<a href="#">76, 3.301, 228.681</a>
Yxy	<a href="#">50.0247, 0.3040, 0.3251</a>
Android (android.graphics.Color)	<a href="#">4290100672 (0xFFB5BDC0)</a>
YUV	<a href="#">186.9500, 2.4896, -5.2182</a>
Hunter-Lab	<a href="#">70.7282, -5.7435, 1.6775</a>

# Details

The Hex color **B5BDC0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C0B8B5**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **EDF5F8**, and **80888B** is the 20% darker color. If you saturate the color by 10%, you get **A2B8C0**, and if you desaturate by 10%, it is **C8C2C0**.

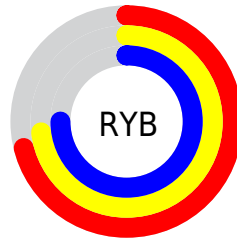
# Distribution



Red (71%)

Green (74%)

Blue (75%)



Red (71%)

Yellow (73%)

Blue (75%)

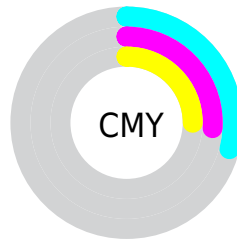


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (26%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5BDC0 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 B5BDC0 by changing the saturation by 10% instead.



 B5BDC0

 B5BDC0

FFFFFF

 9AA2A5

 EDF5F8

 80888B

 676E71

 4F5659

 383F41

 23292B

 0D1517

 000000

 B5BDC0

 B5BDC0

 A2B8C0

 C8C2C0

 8FB3C0

 DBC7C0

 7BADC0

 EFCDC0

 68A8C0

 FFD2C0

 55A3C0

 FFD7C0

 429EC0

 FFDCC0

 2F98C0

 FFE2C0

 1B93C0

 FFE7C0

 088EC0

 FFECC0

# Harmonies

## Analogous

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



B4BDBD



B5BDC0



B7BCC1

# Triad

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



B5BDC0



C1BABD



BCBCB6

# Complementary

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



B5BDC0



C0B8B5

# 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.



C0BBB6



B5BDC0



C2BABA

# Square

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



B5BDC0



BFBAC0



C2BAB7



B9BDB7

# Rectangle

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



B5BDC0



BABCC2



C2BAB7



BDBCB6



# Sweetspot

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



B5BDC0



F5F9FA



B5C0B8



7A7C7D



FCFCFC



7D7D7D

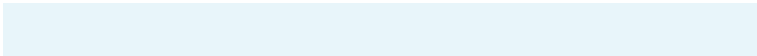


# Same Dimension

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



B5BDC0



E8F5FA



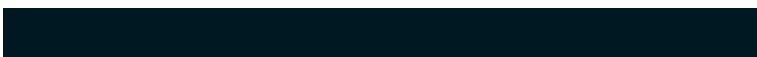
B5B8C0



595F61



0075A1



001821



# Inverse Universe

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



COB5BD



FAE8F5



COBDB5



61595F



A10075

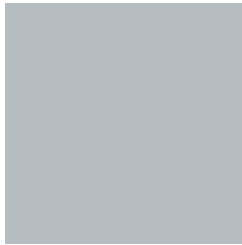


210018



# Previews

## White Background



This preview shows how the Hex color B5BDC0 looks on a white background.

## Color Contrast Check

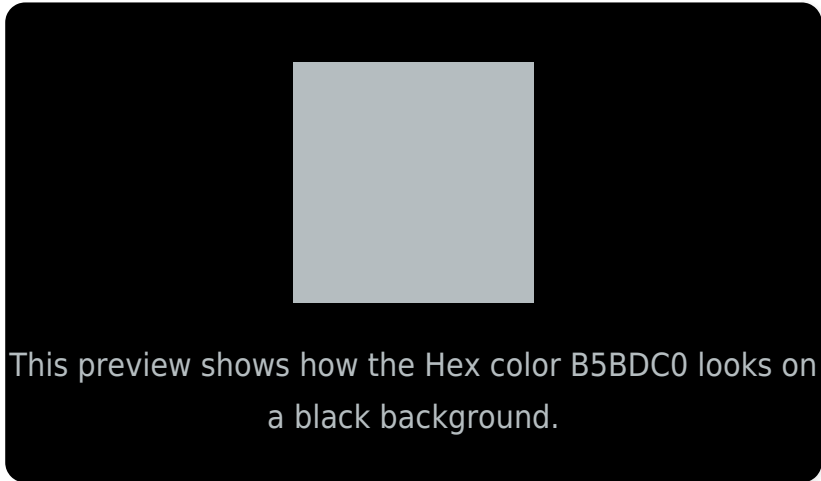
Large Text (above 18pt) WCAG AA × Fail

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

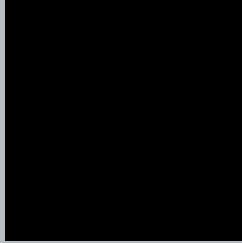
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

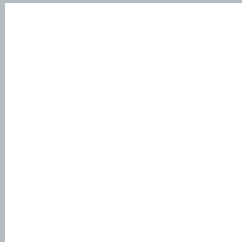
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5BDC0 Background



This preview shows how black text looks on a background with the Hex color B5BDC0.



This preview shows how white text looks on a background with the Hex color B5BDC0.

# 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**

B5BDC0

**Protanomaly**

BBBBBF

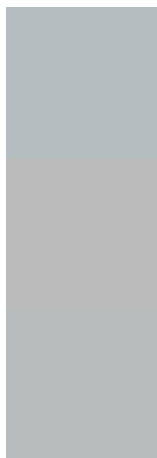
**Deuteranomaly**

C3B9C1

**Tritanomaly**

B6BCC6

# Monochromacy



**Original Color**

B5BDC0

**Achromatopsia**

BBBBBB

**Achromatomaly**

B9BCBD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5BDC0 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 #B5BDC0 looks like.

```
.text, #text, p{  
    color:#B5BDC0  
}
```

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 #B5BDC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5BDC0
}
```

## Border

The CSS property to change the border of an element to Hex B5BDC0 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
#B5BDC0 }
```

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

```
.border{ border-color:#B5BDC0 }
```

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

Here you see how a box with a 4 pixel #B5BDC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5BDC0; -webkit-box-shadow:4px 4px  
4px 4px #B5BDC0; box-shadow:4px 4px 4px  
4px #B5BDC0 }
```

# Background

The CSS property to change the background color of an element to Hex B5BDC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5BDC0 }
```

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

```
.background{ background-color:#B5BDC0 }
```

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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