

# Converting Colors

Hex(BEC9CB)

Have a look what the booklet for  
Hex(BEC9CB) contains.

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# **Color**

**Hex(BEC9CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEC9CB
RGB	190, 201, 203
RGB Percent	75%, 79%, 80%
CMY	0.2549, 0.2118, 0.2039
CMYK	0.06, 0.01, 0.00, 0.20
HSL	189°, 11%, 77%
HSV	189°, 6%, 80%
XYZ	52.9013, 57.0322, 64.7200
YIQ	197.9390, -7.1980, -1.7100

# Conversions

## Conversions Part 2

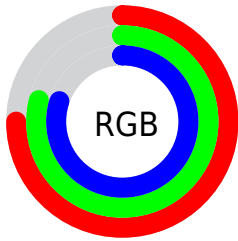
Format	Color
R <sub>Y</sub> B	190, 196, 203
Decimal	12503499
CIE Lab	80.20, -3.36, -2.30
CIE LCh	80, 4.071, 214.436
Yxy	57.0322, 0.3029, 0.3265
Android (android.graphics.Color)	4290693579 (0xFFBEC9CB)
YUV	197.9390, 2.4951, -6.9625
Hunter-Lab	75.5197, -7.1207, 2.0525

# Details

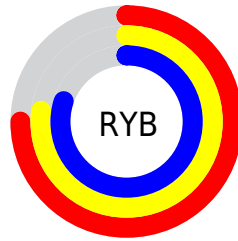
The Hex color **BEC9CB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CBC0BE**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **F6FFFF**, and **899395** is the 20% darker color. If you saturate the color by 10%, you get **AAC6CB**, and if you desaturate by 10%, it is **D2CCCB**.

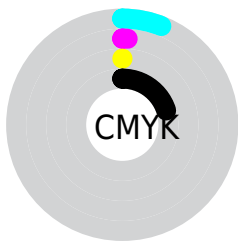
# Distribution



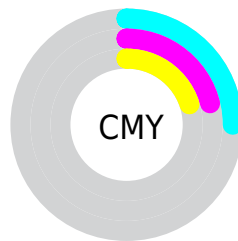
- Red (75%)
- Green (79%)
- Blue (80%)



- Red (75%)
- Yellow (77%)
- Blue (80%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (21%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEC9CB 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 BEC9CB by changing the saturation by 10% instead.



 BEC9CB

 BEC9CB

FFFFFF

 A3AE80

 F6FFFF

 899395

 6F797B

 576162

 3F494B

 293234

 151D1F

 000206

 000000

 BEC9CB

 BEC9CB

 AAC6CB

 D2CCCB

 95C3CB

 E7CFCB

 81C0CB

 FBD2CB

 6DBDCB

 FFD5CB

 59B9CB

 FFD9CB

 44B6CB

 FFDCCB

 30B3CB

 FFDFCB

 1CB0CB

 FFE2CB

 07ADCB

 FFE5CB

# Harmonies

## Analogous

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



BEC9C7



BEC9CB



C0C8CE

# Triad

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



BEC9CB



CDC5CA



CAC7BF

# Complementary

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



BEC9CB



CBC0BE

# 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.



CDC6C0



BEC9CB



CFC4C6

# Square

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



BEC9CB



C8C6CD



CFC5C3



C5C8C1

# Rectangle

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



BEC9CB



C2C7CE



CFC5C3



CBC6BF



# Sweetspot

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



BEC9CB



FAFEFF



BECBC0



7D7F80



000000



808080

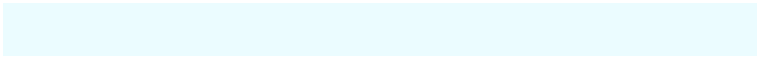


# Same Dimension

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



BEC9CB



EBFCFF



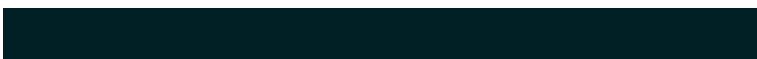
BEC3CB



5C6466



008CA6



002026



# Inverse Universe

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



CBBEC9



FFEBFC



CBC6BE



665C64



A6008C

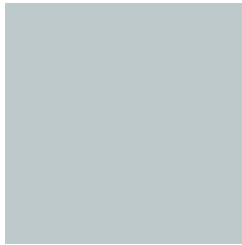


260020



# Previews

## White Background



This preview shows how the Hex color BEC9CB looks on a white background.

## Color Contrast Check

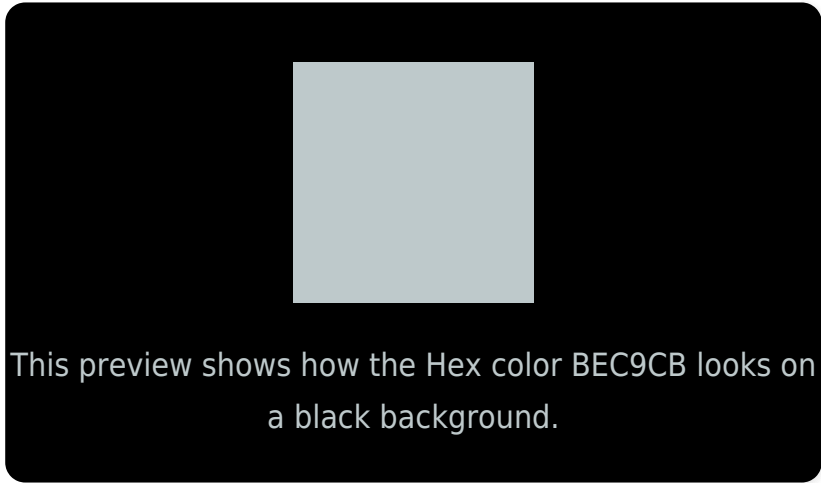
Large Text (above 18pt) WCAG AA × Fail

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

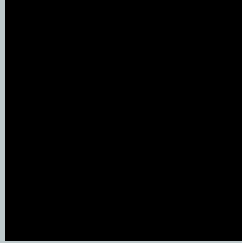
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

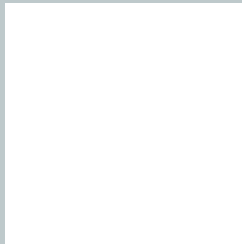
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BEC9CB Background



This preview shows how black text looks on a background with the Hex color BEC9CB.

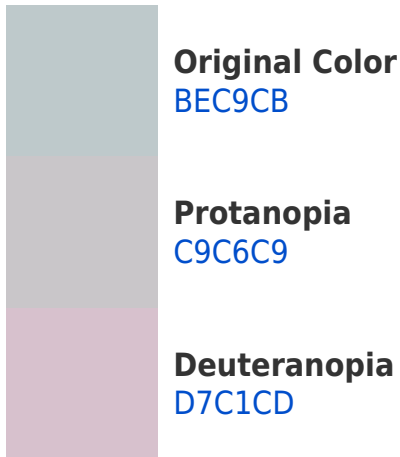


This preview shows how white text looks on a background with the Hex color BEC9CB.

# 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**  
C0C7D7

# Trichromacy



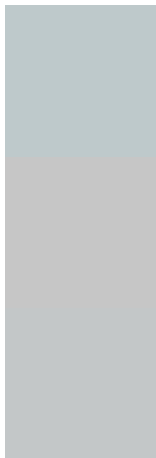
**Original Color**  
BEC9CB

**Protanomaly**  
C5C7CA

**Deuteranomaly**  
CEC4CC

**Tritanomaly**  
BFC8D3

# Monochromacy



**Original Color**  
BEC9CB

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
C3C7C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEC9CB 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 #BEC9CB looks like.

```
.text, #text, p{  
    color:#BEC9CB  
}
```

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 #BEC9CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEC9CB
}
```

## Border

The CSS property to change the border of an element to Hex BEC9CB 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
#BEC9CB }
```

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

```
.border{ border-color:#BEC9CB }
```

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

Here you see how a box with a 4 pixel #BEC9CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEC9CB; -webkit-box-shadow:4px 4px  
4px 4px #BEC9CB; box-shadow:4px 4px 4px  
4px #BEC9CB }
```

# Background

The CSS property to change the background color of an element to Hex BEC9CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEC9CB }
```

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

```
.background{ background-color:#BEC9CB }
```

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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