

# Converting Colors

Hex(BBC1C4)

Have a look what the booklet for  
Hex(BBC1C4) contains.

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# **Color**

**Hex(BBC1C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC1C4
RGB	187, 193, 196
RGB Percent	73%, 76%, 77%
CMY	0.2667, 0.2431, 0.2314
CMYK	0.05, 0.02, 0.00, 0.23
HSL	200°, 7%, 75%
HSV	200°, 5%, 77%
XYZ	49.5273, 52.6902, 59.7844
YIQ	191.5480, -4.5390, -0.3390

# Conversions

## Conversions Part 2

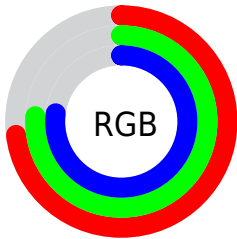
Format	Color
<a href="#">RYB</a>	<a href="#">187, 191, 196</a>
Decimal	<a href="#">12304836</a>
CIELab	<a href="#">77.69, -1.49, -2.23</a>
CIElCh	<a href="#">78, 2.687, 236.258</a>
Yxy	<a href="#">52.6902, 0.3057, 0.3252</a>
Android (android.graphics.Color)	<a href="#">4290494916 (0xFFBBC1C4)</a>
YUV	<a href="#">191.5480, 2.1948, -3.9886</a>
Hunter-Lab	<a href="#">72.5880, -5.2374, 1.9797</a>

# Details

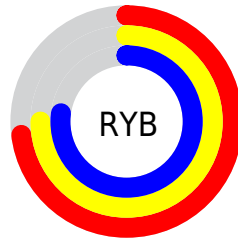
The Hex color **BBC1C4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C4BEBB**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **F3F9FD**, and **868C8E** is the 20% darker color. If you saturate the color by 10%, you get **A7BAC4**, and if you desaturate by 10%, it is **CFC8C4**.

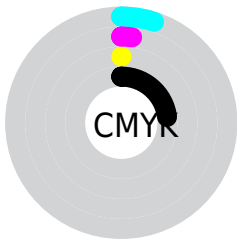
# Distribution



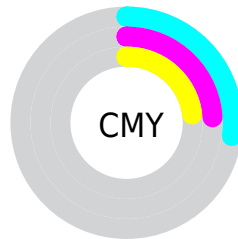
- Red (73%)
- Green (76%)
- Blue (77%)



- Red (73%)
- Yellow (75%)
- Blue (77%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (27%)
- Magenta (24%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBC1C4 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 BBC1C4 by changing the saturation by 10% instead.



 BBC1C4

 BBC1C4

FFFFFF

 A0A6A9

 F3F9FD

 868C8E

 6D7275

 545A5C

 3D4245

 272C2E

 13181A

 000000

 BBC1C4

 BBC1C4

 A7BAC4

 CFC8C4

 94B4C4

 E2CEC4

 80ADC4

 F6D5C4

 6DA7C4

 FFDBC4

 59A0C4

 FFE2C4

 459AC4

 FFE8C4

 3293C4

 FFEFC4

 1E8DC4

 FFF5C4

 0B86C4

 FFFCC4

# Harmonies

## Analogous

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



BAC1C2



BBC1C4



BDC0C5

# Triad

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



BBC1C4



C5BEC0



C0C0BB

# Complementary

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



BBC1C4



C4BEBB

# 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.



C3C0BB



BBC1C4



C6BEBE

# Square

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



BBC1C4



C3BFC3



C5BFBC



BDC1BD

# Rectangle

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



BBC1C4



BFC0C5



C5BFBC



C1C0BB



# Sweetspot

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



BBC1C4



FCFEFF



BBC4BE



7E7F80



000000



808080

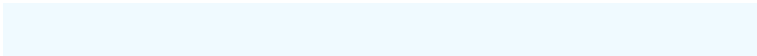


# Same Dimension

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



BBC1C4



F0FAFF



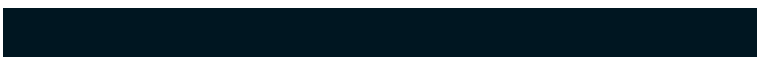
BBBDC4



5A5F61



006BA1



001621



# Inverse Universe

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



C4BBC1



FFF0FA



C4C3BB



615A5F



A1006B

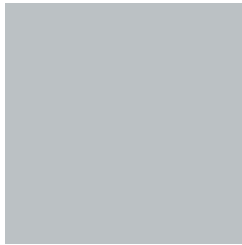


210016



# Previews

## White Background



This preview shows how the Hex color BBC1C4 looks on a white background.

## Color Contrast Check

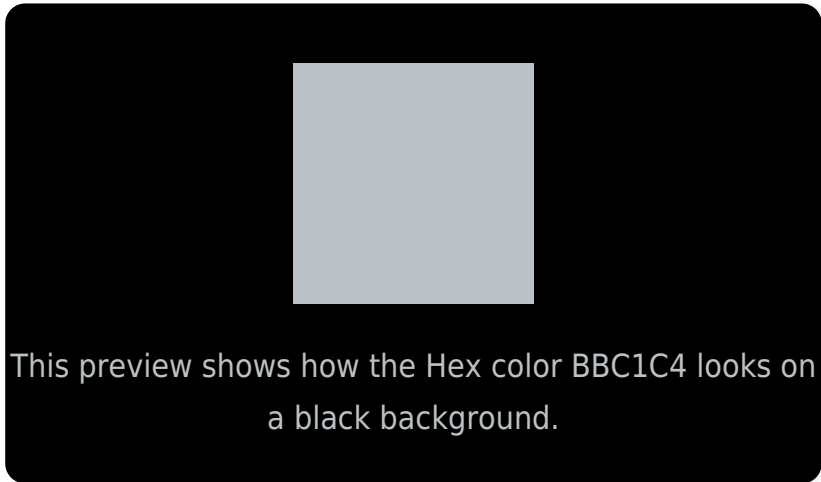
Large Text (above 18pt) WCAG AA × Fail

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

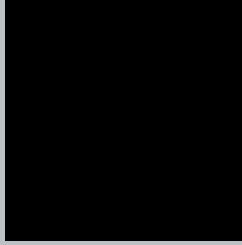
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

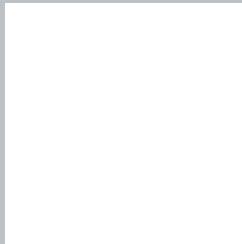
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBC1C4 Background



This preview shows how black text looks on a background with the Hex color BBC1C4.



This preview shows how white text looks on a background with the Hex color BBC1C4.

# 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



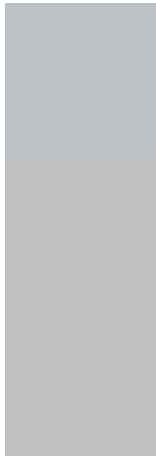
**Original Color**  
BBC1C4

**Protanomaly**  
BFC0C3

**Deuteranomaly**  
C8BDC5

**Tritanomaly**  
BCC0CB

# Monochromacy



**Original Color**  
BBC1C4

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
BEC0C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBC1C4 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 #BBC1C4 looks like.

```
.text, #text, p{  
    color:#BBC1C4  
}
```

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 #BBC1C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC1C4
}
```

## Border

The CSS property to change the border of an element to Hex BBC1C4 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
#BBC1C4 }
```

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

```
.border{ border-color:#BBC1C4 }
```

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

Here you see how a box with a 4 pixel #BBC1C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC1C4; -webkit-box-shadow:4px 4px  
4px 4px #BBC1C4; box-shadow:4px 4px 4px  
4px #BBC1C4 }
```

# Background

The CSS property to change the background color of an element to Hex BBC1C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC1C4 }
```

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

```
.background{ background-color:#BBC1C4 }
```

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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