

# Converting Colors

Hex(B2C8C8)

Have a look what the booklet for  
Hex(B2C8C8) contains.

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# **Color**

**Hex(B2C8C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2C8C8
RGB	178, 200, 200
RGB Percent	70%, 78%, 78%
CMY	0.3020, 0.2157, 0.2157
CMYK	0.11, 0.00, 0.00, 0.22
HSL	180°, 17%, 74%
HSV	180°, 11%, 78%
XYZ	49.4397, 54.9437, 62.6430
YIQ	193.4220, -13.1120, -4.6640

# Conversions

## Conversions Part 2

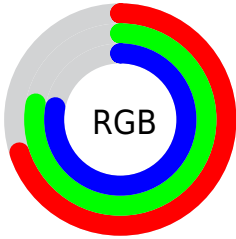
Format	Color
R <sub>Y</sub> B	178, 189, 200
Decimal	11716808
CIE Lab	79.01, -7.41, -2.53
CIE LCh	79, 7.828, 198.882
Yxy	54.9437, 0.2960, 0.3290
Android (android.graphics.Color)	4289906888 (0xFFB2C8C8)
YUV	193.4220, 3.2430, -13.5251
Hunter-Lab	74.1240, -10.6599, 1.7801

# Details

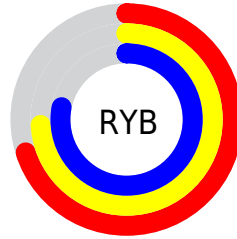
The Hex color **B2C8C8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C8B2B2**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **EAF0F0**, and **7D9292** is the 20% darker color. If you saturate the color by 10%, you get **9EC8C8**, and if you desaturate by 10%, it is **C6C8C8**.

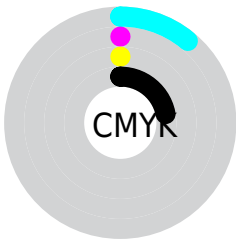
# Distribution



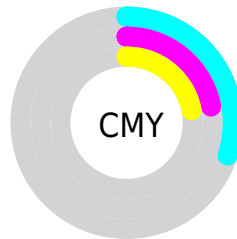
- Red (70%)
- Green (78%)
- Blue (78%)



- Red (70%)
- Yellow (74%)
- Blue (78%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2C8C8 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 B2C8C8 by changing the saturation by 10% instead.



 B2C8C8

 B2C8C8

FFFFFF

 97ADAD

 EAFFFF

 7D9292

 647878

 4C6060

 354848

 1F3132

 0A1C1D

 000002

 000000

 B2C8C8

 B2C8C8

 9EC8C8

 C6C8C8

 8AC8C8

 DAC8C8

 76C8C8

 EEC8C8

 62C8C8

 FFC8C8

 4EC8C8

 3AC8C8

 26C8C8

 12C8C8

 00C8C8

# Harmonies

## Analogous

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



B5C8C1



B2C8C8



B3C7CE

# Triad

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



B2C8C8



CBC0CD



CDC2B5

# Complementary

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



B2C8C8



C8B2B2

# 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.



D2C0B9



B2C8C8



D1BFC7

# Square

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



B2C8C8



C2C3D1



D4BFBF



C5C5B6

# Rectangle

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



B2C8C8



B7C6D1



D4BFBF



CFC1B6



# Sweetspot

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



B2C8C8



F7FFFF



B2C8B2



7A8080



000000



808080

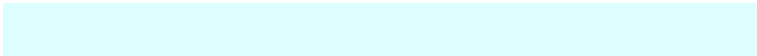


# Same Dimension

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



B2C8C8



DEFFFF



B2BDC8



5A6363



00A3A3



002424



# Inverse Universe

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



C8B2C8



FFDEFF



C8BDB2



635A63



A300A3



240024



# Previews

## White Background



This preview shows how the Hex color B2C8C8 looks on a white background.

## Color Contrast Check

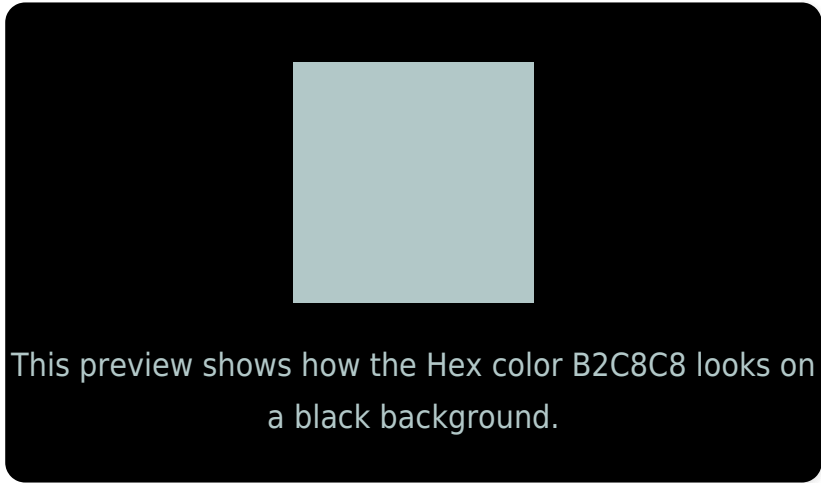
Large Text (above 18pt) WCAG AA × Fail

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

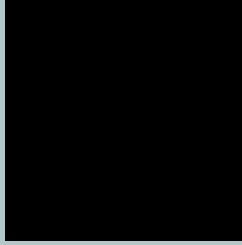
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

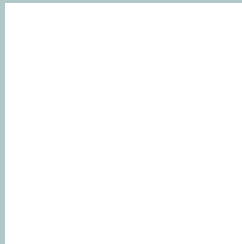
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2C8C8 Background



This preview shows how black text looks on a background with the Hex color B2C8C8.

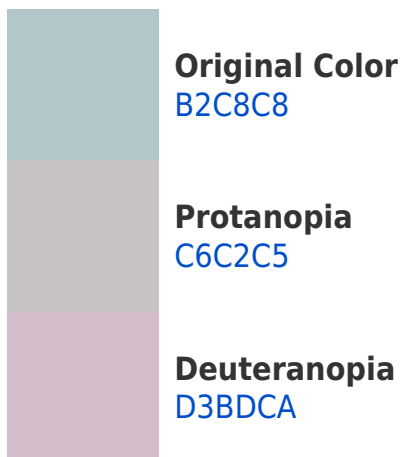


This preview shows how white text looks on a background with the Hex color B2C8C8.

# 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**  
B4C6D6

# Trichromacy



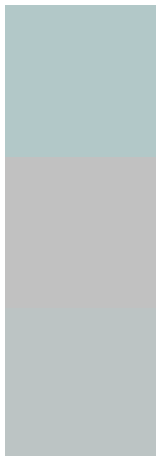
**Original Color**  
B2C8C8

**Protanomaly**  
BFC4C6

**Deuteranomaly**  
C7C1C9

**Tritanomaly**  
B3C7D1

# Monochromacy



**Original Color**  
B2C8C8

**Achromatopsia**  
C1C1C1

**Achromatomaly**  
BCC4C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2C8C8 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 #B2C8C8 looks like.

```
.text, #text, p{  
    color:#B2C8C8  
}
```

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 #B2C8C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C8C8
}
```

## Border

The CSS property to change the border of an element to Hex B2C8C8 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
#B2C8C8 }
```

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

```
.border{ border-color:#B2C8C8 }
```

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

Here you see how a box with a 4 pixel #B2C8C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C8C8; -webkit-box-shadow:4px 4px  
4px 4px #B2C8C8; box-shadow:4px 4px 4px  
4px #B2C8C8 }
```

# Background

The CSS property to change the background color of an element to Hex B2C8C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C8C8 }
```

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

```
.background{ background-color:#B2C8C8 }
```

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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