

# Converting Colors

Hex(BDC2C9)

Have a look what the booklet for  
Hex(BDC2C9) contains.

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# **Color**

**Hex(BDC2C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDC2C9
RGB	189, 194, 201
RGB Percent	74%, 76%, 79%
CMY	0.2588, 0.2392, 0.2118
CMYK	0.06, 0.03, 0.00, 0.21
HSL	215°, 10%, 76%
HSV	215°, 6%, 79%
XYZ	50.8207, 53.6194, 62.9294
YIQ	193.3030, -5.2270, 1.1170

# Conversions

## Conversions Part 2

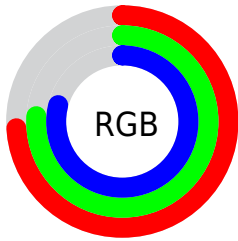
Format	Color
<b>RYB</b>	189, 193, 201
Decimal	12436169
CIELab	78.24, -0.38, -4.11
CIELCh	78, 4.131, 264.718
Yxy	53.6194, 0.3036, 0.3204
Android (android.graphics.Color)	4290626249 (0xFFBDC2C9)
YUV	193.3030, 3.7946, -3.7737
Hunter-Lab	73.2253, -4.2596, 0.3042

# Details

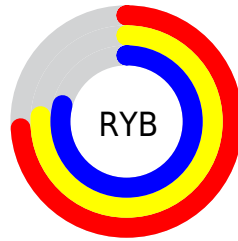
The Hex color **BDC2C9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C9C4BD**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **F5FAFF**, and **888C93** is the 20% darker color. If you saturate the color by 10%, you get **A9B6C9**, and if you desaturate by 10%, it is **D1CEC9**.

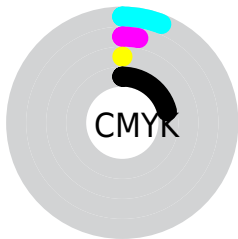
# Distribution



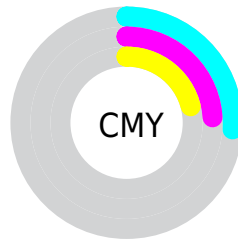
- Red (74%)
- Green (76%)
- Blue (79%)



- Red (74%)
- Yellow (76%)
- Blue (79%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)



- Cyan (26%)
- Magenta (24%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDC2C9 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 BDC2C9 by changing the saturation by 10% instead.



 BDC2C9

 BDC2C9

FFFFFF

 A2A7AE

 F5FAFF

 888C93

 6E7379

 565A61

 3F4349

 292D32

 14181D

 000003

 000000

 BDC2C9


 BDC2C9

 A9B6C9

 D1CEC9

 95ABC9

 E5D9C9

 819FC9

 F9E5C9

 6D93C9

 FFF1C9

 5987C9

 FFFDC9

 447CC9

 FFFF C9

 3070C9

 1C64C9

 0858C9

# Harmonies

## Analogous

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



BAC3C8



BDC2C9



C2C1C8

# Triad

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



BDC2C9



CABFBE



BDC3BD

# Complementary

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



BDC2C9



C9C4BD

# 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.



C1C2BB



BDC2C9



C9C0BB

# Square

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



BDC2C9



C9BFC2



C6C1BA



BAC4C1

# Rectangle

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



BDC2C9



C5C0C7



C6C1BA



BEC3BC



# Sweetspot

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



BDC2C9



FAFCFF



BDC9C4



7D7E80



000000



808080

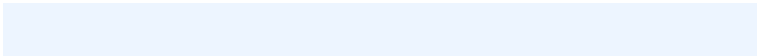


# Same Dimension

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



BDC2C9



EDF5FF



BEBDC9



5B5F63



0044A3



000F24



# Inverse Universe

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



C9BDC2



FFEDF5



C8C9BD



635B5F



A30044

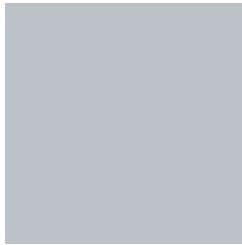


24000F



# Previews

## White Background



This preview shows how the Hex color BDC2C9 looks on a white background.

## Color Contrast Check

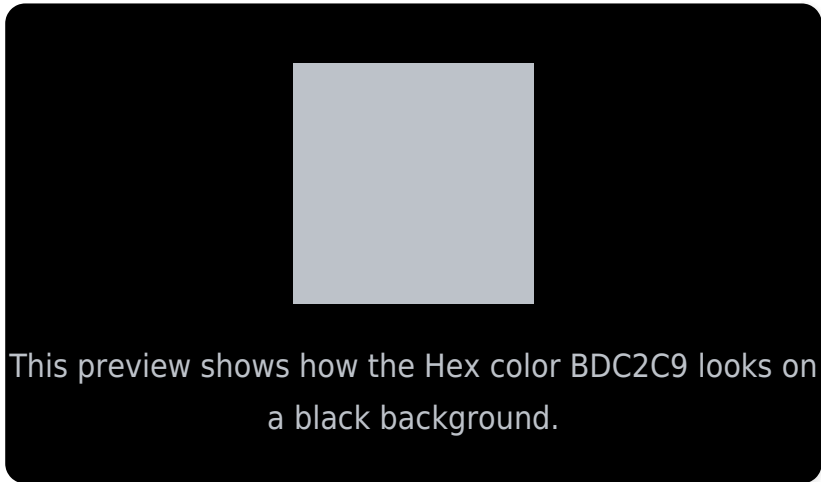
Large Text (above 18pt) WCAG AA × Fail

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

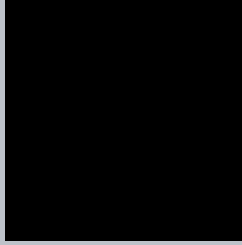
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

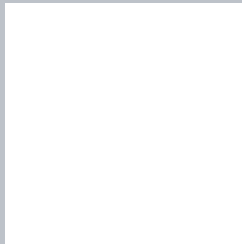
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDC2C9 Background



This preview shows how black text looks on a background with the Hex color BDC2C9.

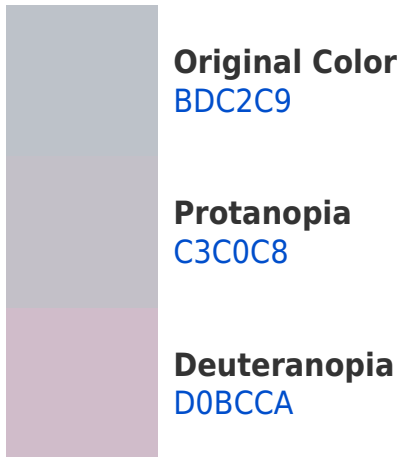


This preview shows how white text looks on a background with the Hex color BDC2C9.

# 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



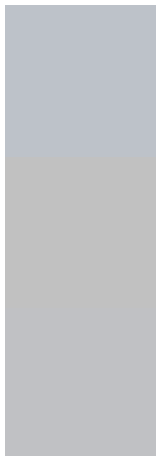
**Original Color**  
BDC2C9

**Protanomaly**  
C1C1C8

**Deuteranomaly**  
C9BECA

**Tritanomaly**  
BEC1CD

# Monochromacy



**Original Color**  
BDC2C9

**Achromatopsia**  
C1C1C1

**Achromatomaly**  
C0C1C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDC2C9 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 #BDC2C9 looks like.

```
.text, #text, p{  
    color:#BDC2C9  
}
```

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 #BDC2C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDC2C9  
}
```

## Border

The CSS property to change the border of an element to Hex BDC2C9 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  
#BDC2C9 }
```

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

```
.border{ border-color:#BDC2C9 }
```

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

Here you see how a box with a 4 pixel #BDC2C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDC2C9; -webkit-box-shadow:4px 4px  
4px 4px #BDC2C9; box-shadow:4px 4px 4px  
4px #BDC2C9 }
```

# Background

The CSS property to change the background color of an element to Hex BDC2C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDC2C9 }
```

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

```
.background{ background-color:#BDC2C9 }
```

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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