

# Converting Colors

Hex(B2B2B7)

Have a look what the booklet for  
Hex(B2B2B7) contains.

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# **Color**

**Hex(B2B2B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B2B7
RGB	178, 178, 183
RGB Percent	70%, 70%, 72%
CMY	0.3020, 0.3020, 0.2824
CMYK	0.03, 0.03, 0.00, 0.28
HSL	240°, 3%, 71%
HSV	240°, 3%, 72%
XYZ	42.8277, 44.7247, 51.1752
YIQ	178.5700, -1.6050, 1.5550

# Conversions

## Conversions Part 2

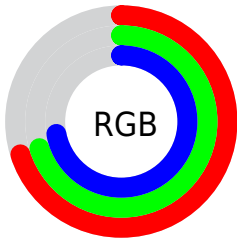
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 178, 183
Decimal	11711159
CIELab	72.71, 0.95, -2.55
CIELCh	73, 2.723, 290.463
Yxy	44.7247, 0.3087, 0.3224
Android (android.graphics.Color)	4289901239 (0xFFB2B2B7)
YUV	178.5700, 2.1840, -0.4999
Hunter-Lab	66.8765, -2.7224, 1.4437

# Details

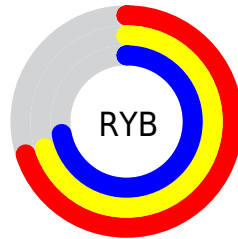
The Hex color **B2B2B7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B7B7B2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **EAEAEF**, and **7D7D82** is the 20% darker color. If you saturate the color by 10%, you get **A0A0B7**, and if you desaturate by 10%, it is **C4C4B7**.

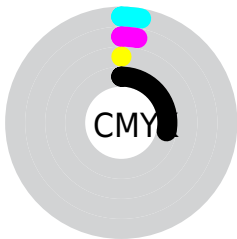
# Distribution



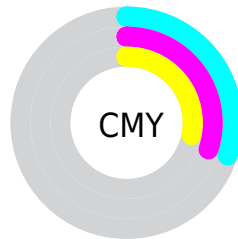
- Red (70%)
- Green (70%)
- Blue (72%)



- Red (70%)
- Yellow (70%)
- Blue (72%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (30%)
- Magenta (30%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B2B7 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 B2B2B7 by changing the saturation by 10% instead.



 B2B2B7

 B2B2B7

FFFFFF

 97979C

 EAEAEF

 7D7D82

 646469

 4D4D51

 36363A

 212124

 09090F

 000000

 B2B2B7

 B2B2B7

 A0A0B7

 C4C4B7

 8D8DB7

 D7D7B7

 7B7BB7

 E9E9B7

 6969B7

 FBFBB7

 5656B7

 FFFFB7

 4444B7

 3232B7

 2020B7

 0D0DB7

# Harmonies

## Analogous

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



AFB3B7



B2B2B7



B5B1B6

# Triad

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



B2B2B7



B7B1AF



ADB4B1

# Complementary

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



B2B2B7



B7B7B2

# 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.



B0B3AF



B2B2B7



B5B2AE

# Square

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



B2B2B7



B8B1B1



B3B3AE



ADB4B4

# Rectangle

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



B2B2B7



B7B1B4



B3B3AE



AEB4B1

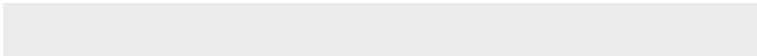


# Sweetspot

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



B2B2B7



EBEBED



B2B7B7



777778



F7F7F7



787878



# Same Dimension

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



B2B2B7



E6E6ED



B5B2B7



58585C



00009C



00001C



# Inverse Universe

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



B7B2B7



EDE6ED



B5B7B2



5C585C



9C009C

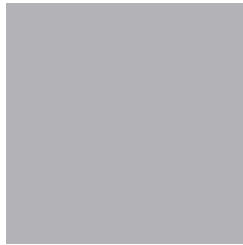


1C001C



# Previews

## White Background



This preview shows how the Hex color B2B2B7 looks on a white background.

## Color Contrast Check

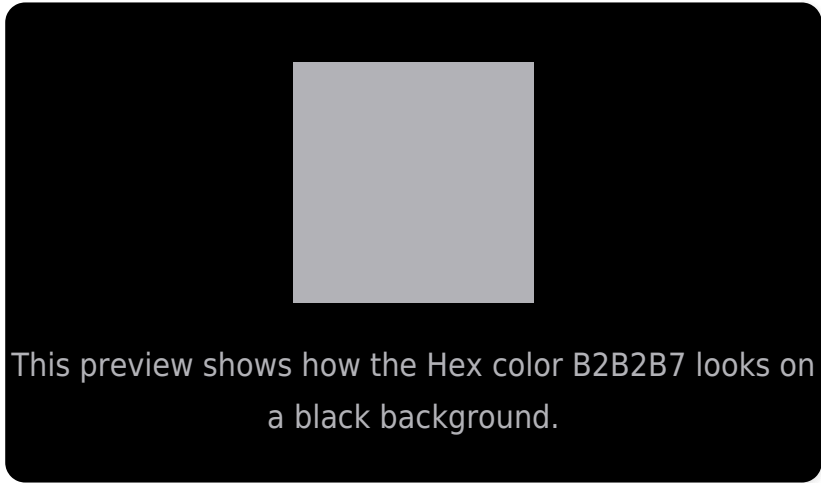
Large Text (above 18pt) WCAG AA × Fail

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

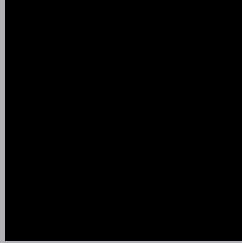
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

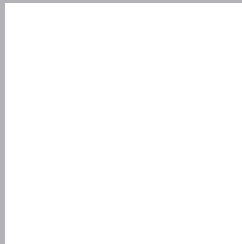
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2B2B7 Background



This preview shows how black text looks on a background with the Hex color B2B2B7.

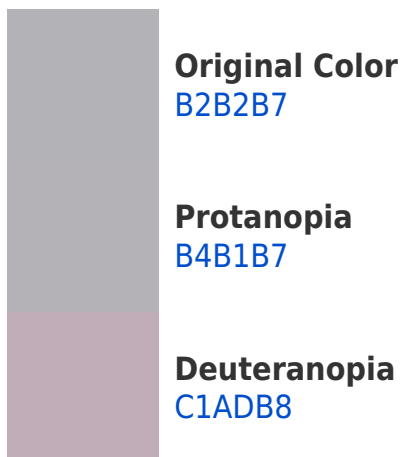


This preview shows how white text looks on a background with the Hex color B2B2B7.

# 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](#).

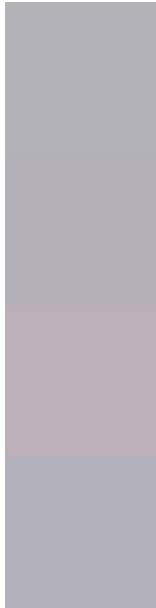
## Dichromacy





**Tritanopia**  
B3B1BF

# Trichromacy



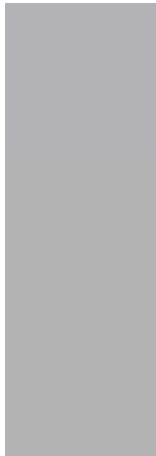
**Original Color**  
B2B2B7

**Protanomaly**  
B3B1B7

**Deuteranomaly**  
BCAFB8

**Tritanomaly**  
B3B1BC

# Monochromacy



**Original Color**  
B2B2B7

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
B3B3B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B2B7 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 #B2B2B7 looks like.

```
.text, #text, p{  
    color:#B2B2B7  
}
```

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 #B2B2B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B2B7
}
```

## Border

The CSS property to change the border of an element to Hex B2B2B7 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
#B2B2B7 }
```

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

```
.border{ border-color:#B2B2B7 }
```

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

Here you see how a box with a 4 pixel #B2B2B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B2B7; -webkit-box-shadow:4px 4px  
4px 4px #B2B2B7; box-shadow:4px 4px 4px  
4px #B2B2B7 }
```

# Background

The CSS property to change the background color of an element to Hex B2B2B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B2B7 }
```

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

```
.background{ background-color:#B2B2B7 }
```

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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