

# Converting Colors

Hex(B5B1B2)

Have a look what the booklet for  
Hex(B5B1B2) contains.

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# **Color**

**Hex(B5B1B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5B1B2
RGB	181, 177, 178
RGB Percent	71%, 69%, 70%
CMY	0.2902, 0.3059, 0.3020
CMYK	0.00, 0.02, 0.02, 0.29
HSL	345°, 3%, 70%
HSV	345°, 2%, 71%
XYZ	42.8141, 44.4824, 48.4489
YIQ	178.3100, 2.0630, 1.1590

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">181, 177, 178</a>
Decimal	<a href="#">11907506</a>
CIELab	<a href="#">72.55, 1.60, -0.02</a>
CIElCh	<a href="#">73, 1.603, 359.432</a>
Yxy	<a href="#">44.4824, 0.3154, 0.3277</a>
Android (android.graphics.Color)	<a href="#">4290097586</a> ( <a href="#">0xFFB5B1B2</a> )
YUV	<a href="#">178.3100, -0.1528, 2.3591</a>
Hunter-Lab	<a href="#">66.6951, -2.1307, 3.6169</a>

# Details

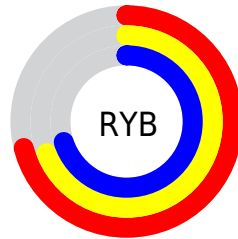
The Hex color **B5B1B2** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B1B5B4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EDE9EA**, and **807C7D** is the 20% darker color. If you saturate the color by 10%, you get **B59FA4**, and if you desaturate by 10%, it is **B5C3C0**.

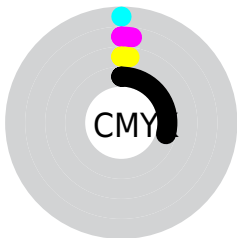
# Distribution



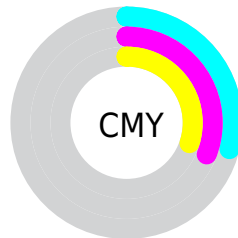
- Red (71%)
- Green (69%)
- Blue (70%)



- Red (71%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5B1B2 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 B5B1B2 by changing the saturation by 10% instead.





B5B1B2



B5B1B2

FFFFFF



9A9697



EDE9EA



807C7D



676464



4F4C4D



383536



232021



0D0809



000000



B5B1B2



B5B1B2

 B59FA4

 B5C3C0

 B58D97

 B5D5CD

 B57B89

 B5E7DB

 B5697C

 B5F9E8

 B5566E

 B5FFF6

 B54461

 B5FFFF

 B53253

 B52045

 B50E38

# Harmonies

## Analogous

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



B4B1B3



B5B1B2



B5B1B1

# Triad

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



B5B1B2



B2B2AF



AFB3B4

# Complementary

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



B5B1B2



B1B5B4

# 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.



AFB3B3



B5B1B2



B0B3B0

# Square

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



B5B1B2



B3B2AF



AFB3B2



B1B2B5

# Rectangle

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



B5B1B2



B5B1B0



AFB3B2



AFB3B4

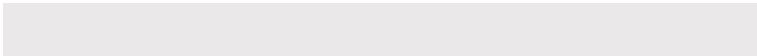


# Sweetspot

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



B5B1B2



EBE8E9



B4B1B5



757474



F5F5F5



757575

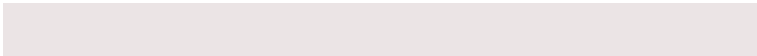


# Same Dimension

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



B5B1B2



EBE4E5



B5B2B1



595657



990026



1A0006



# Inverse Universe

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



B5B1B2



EBE4E5



B1B4B5



595657



990026



1A0006



# Previews

## White Background



This preview shows how the Hex color B5B1B2 looks on a white background.

## Color Contrast Check

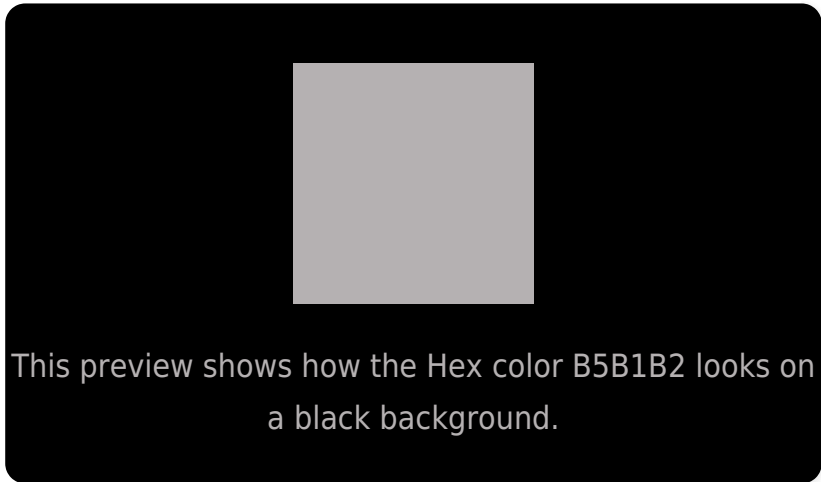
Large Text (above 18pt) WCAG AA × Fail

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

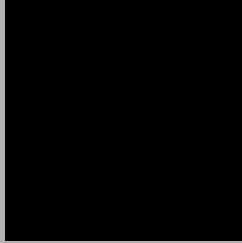
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

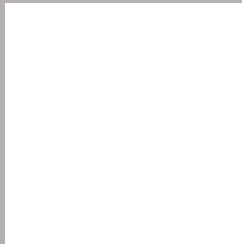
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5B1B2 Background



This preview shows how black text looks on a background with the Hex color B5B1B2.

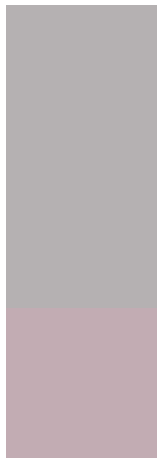


This preview shows how white text looks on a background with the Hex color B5B1B2.

# 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



**Original Color**  
B5B1B2

**Protanopia**  
B5B1B2

**Deuteranopia**  
C2ACB3



**Tritanopia**  
B7AFBD

# Trichromacy



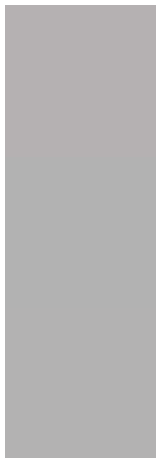
**Original Color**  
B5B1B2

**Protanomaly**  
B5B1B2

**Deuteranomaly**  
BDAEB3

**Tritanomaly**  
B6B0B9

# Monochromacy



**Original Color**  
B5B1B2

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B3B2B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5B1B2 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 #B5B1B2 looks like.

```
.text, #text, p{  
    color:#B5B1B2  
}
```

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 #B5B1B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B1B2
}
```

## Border

The CSS property to change the border of an element to Hex B5B1B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

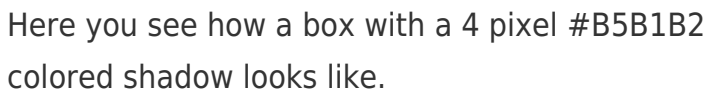
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5B1B2 }
```

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

```
.border{ border-color:#B5B1B2 }
```

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



Here you see how a box with a 4 pixel #B5B1B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B1B2; -webkit-box-shadow:4px 4px  
4px 4px #B5B1B2; box-shadow:4px 4px 4px  
4px #B5B1B2 }
```

# Background

The CSS property to change the background color of an element to Hex B5B1B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B1B2 }
```

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

```
.background{ background-color:#B5B1B2 }
```

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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