

Converting Colors

Hex(B1B7B1)

Have a look what the booklet for
Hex(B1B7B1) contains.

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Color

Hex(B1B7B1)

Conversions

Conversions Part 1

Format	Color
Hex	B1B7B1
RGB	177, 183, 177
RGB Percent	69%, 72%, 69%
CMY	0.3059, 0.2824, 0.3059
CMYK	0.03, 0.00, 0.03, 0.28
HSL	120°, 4%, 71%
HSV	120°, 3%, 72%
XYZ	43.0008, 46.3884, 48.2824
YIQ	180.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

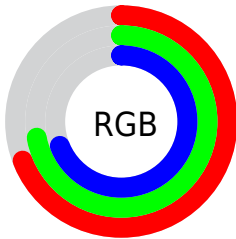
Format	Color
RYB	177, 183, 183
Decimal	11646897
CIELab	73.80, -3.22, 2.31
CIELCh	74, 3.959, 144.321
Yxy	46.3884, 0.3123, 0.3369
Android (android.graphics.Color)	4289836977 (0xFFB1B7B1)
YUV	180.5220, -1.7363, -3.0888
Hunter-Lab	68.1090, -6.4945, 5.6457

Details

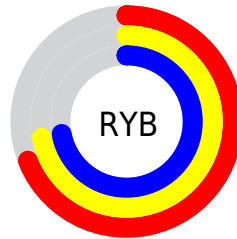
The Hex color **B1B7B1** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B7B1B7**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E9EFE9**, and **7C827C** is the 20% darker color. If you saturate the color by 10%, you get **9FB79F**, and if you desaturate by 10%, it is **C3B7C3**.

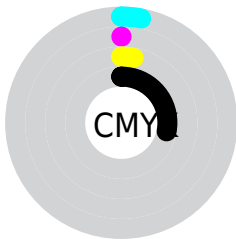
Distribution



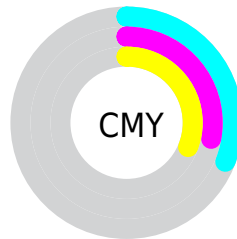
- Red (69%)
- Green (72%)
- Blue (69%)



- Red (69%)
- Yellow (72%)
- Blue (72%)



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



- Cyan (31%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1B7B1 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 B1B7B1 by changing the saturation by 10% instead.

 B1B7B1

 B1B7B1

FFFFFF

 969C96

 E9EFE9


 7C827C

 646964

 4C514C

 353A35

 202420

 080F08

 000000

 B1B7B1

 B1B7B1

 9FB79F

 C3B7C3

 8CB78C

 D6B7D6

 7AB77A

 E8B7E8

 68B768

 FAB7FA

 56B756

 FFB7FF

 43B743

 31B731

 1FB71F

 0CB70C

Harmonies

Analogous

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



B5B6AF



B1B7B1



AEB8B4

Triad

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



B1B7B1



B1B6BC



BEB3B2

Complementary

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



B1B7B1



B7B1B7

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.



BDB3B6



B1B7B1



B5B5BC

Square

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



B1B7B1



AEB7BB



BAB4BA



BCB4B0

Rectangle

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



B1B7B1



ADB8B7



BAB4BA



BDB3B4

Sweetspot

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



B1B7B1



EBEDEB



B7B7B1



777877



F7F7F7



787878

Same Dimension

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



B1B7B1



E4EDE4



B1B7B4



575C57



009C00



001C00

Inverse Universe

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



B7B1B7



EDE4ED



B7B1B4



5C575C



9C009C



1C001C

Previews

White Background



This preview shows how the Hex color B1B7B1 looks on a white background.

Color Contrast Check

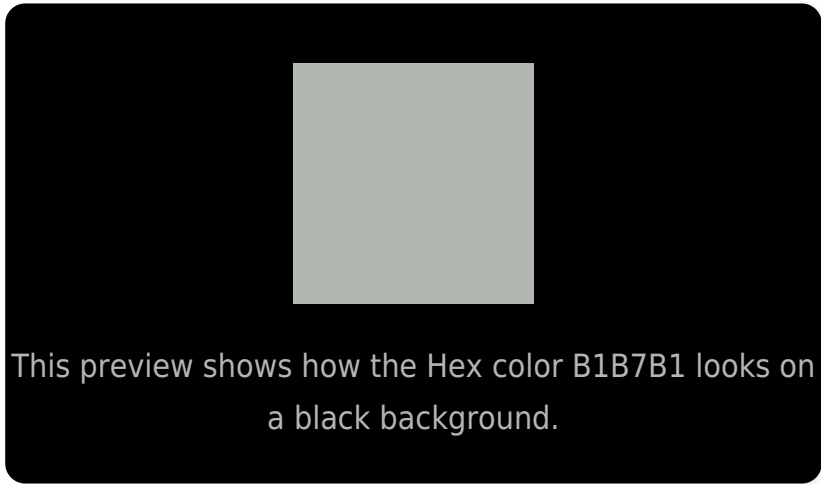
Large Text (above 18pt) WCAG AA × Fail

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

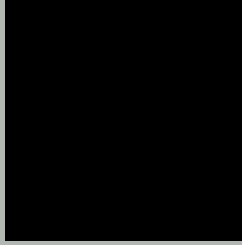
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

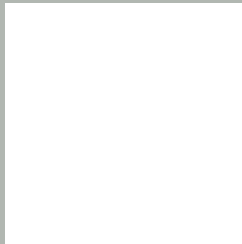
Any Text WCAG AAA ✓ Pass

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

Hex B1B7B1 Background



This preview shows how black text looks on a background with the Hex color B1B7B1.



This preview shows how white text looks on a background with the Hex color B1B7B1.

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](#).

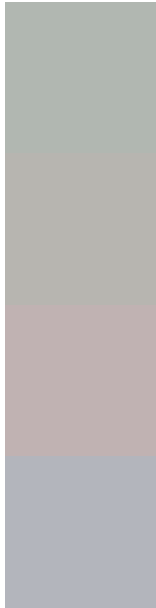
Dichromacy





Tritanopia
B4B4C3

Trichromacy



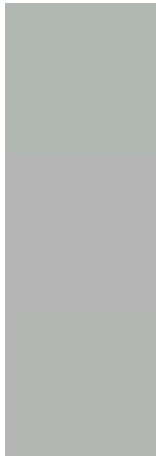
Original Color
B1B7B1

Protanomaly
B7B5B0

Deuteranomaly
C0B2B2

Tritanomaly
B3B5BC

Monochromacy



Original Color
B1B7B1

Achromatopsia
B5B5B5

Achromatomaly
B4B6B4

CSS Examples

Text

The CSS property to change the color of the text to Hex B1B7B1 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 #B1B7B1 looks like.

```
.text, #text, p{  
    color:#B1B7B1  
}
```

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 #B1B7B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B7B1
}
```

Border

The CSS property to change the border of an element to Hex B1B7B1 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
#B1B7B1 }
```

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

```
.border{ border-color:#B1B7B1 }
```

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

Here you see how a box with a 4 pixel #B1B7B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B7B1; -webkit-box-shadow:4px 4px  
4px 4px #B1B7B1; box-shadow:4px 4px 4px  
4px #B1B7B1 }
```

Background

The CSS property to change the background color of an element to Hex B1B7B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B7B1 }
```

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

```
.background{ background-color:#B1B7B1 }
```

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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