

Converting Colors

Hex(B1B6B1)

Have a look what the booklet for
Hex(B1B6B1) contains.

Hex(B1B6B1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1B6B1)

Conversions

Conversions Part 1

Format	Color
Hex	B1B6B1
RGB	177, 182, 177
RGB Percent	69%, 71%, 69%
CMY	0.3059, 0.2863, 0.3059
CMYK	0.03, 0.00, 0.03, 0.29
HSL	120°, 3%, 70%
HSV	120°, 3%, 71%
XYZ	42.7952, 45.9773, 48.2139
YIQ	179.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

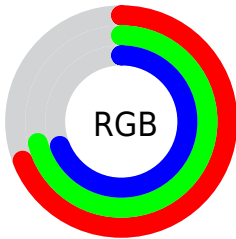
Format	Color
RYB	177, 182, 182
Decimal	11646641
CIELab	73.53, -2.68, 1.92
CIELCh	74, 3.300, 144.363
Yxy	45.9773, 0.3124, 0.3356
Android (android.graphics.Color)	4289836721 (0xFFB1B6B1)
YUV	179.9350, -1.4470, -2.5740
Hunter-Lab	67.8066, -6.0036, 5.3064

Details

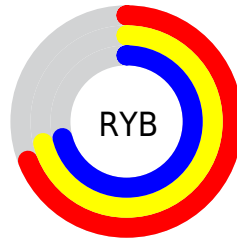
The Hex color **B1B6B1** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B6B1B6**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E9EEE9**, and **7C817C** is the 20% darker color. If you saturate the color by 10%, you get **9FB69F**, and if you desaturate by 10%, it is **C3B6C3**.

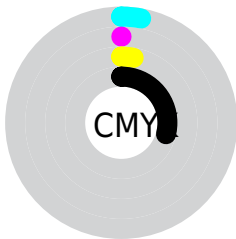
Distribution



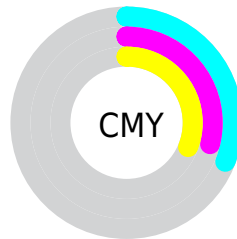
- Red (69%)
- Green (71%)
- Blue (69%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color B1B6B1 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 B1B6B1 by changing the saturation by 10% instead.

 B1B6B1

 B1B6B1

FFFFFF

 969B96

 E9EEE9

 7C817C

 646864

 4C504C

 353935

 202420

 080E08

 000000

 B1B6B1

 B1B6B1

 9FB69F

 C3B6C3

 8DB68D

 D5B6D5

 7AB67A

 E8B6E8

 68B668

 FAB6FA

 56B656

 FFB6FF

 44B644

 32B632

 1FB61F

 0DB60D

Harmonies

Analogous

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



B4B5AF



B1B6B1



AEB6B4

Triad

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



B1B6B1



B1B5BB



BBB3B2

Complementary

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



B1B6B1



B6B1B6

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.



BBB3B5



B1B6B1



B5B4BA

Square

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



B1B6B1



AEB6B9



B8B3B8



BAB3B0

Rectangle

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



B1B6B1



AEB6B6



B8B3B8



BBB3B3

Sweetspot

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



B1B6B1



EBEDEB



B6B6B1



777877



F7F7F7



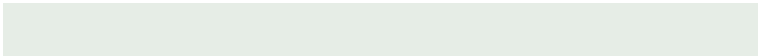
787878

Same Dimension

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



B1B6B1



E6EDE6



B1B6B3



585C58



009C00



001C00

Inverse Universe

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



B6B1B6



EDE6ED



B6B1B3



5C585C



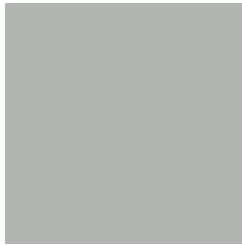
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color B1B6B1 looks on a white background.

Color Contrast Check

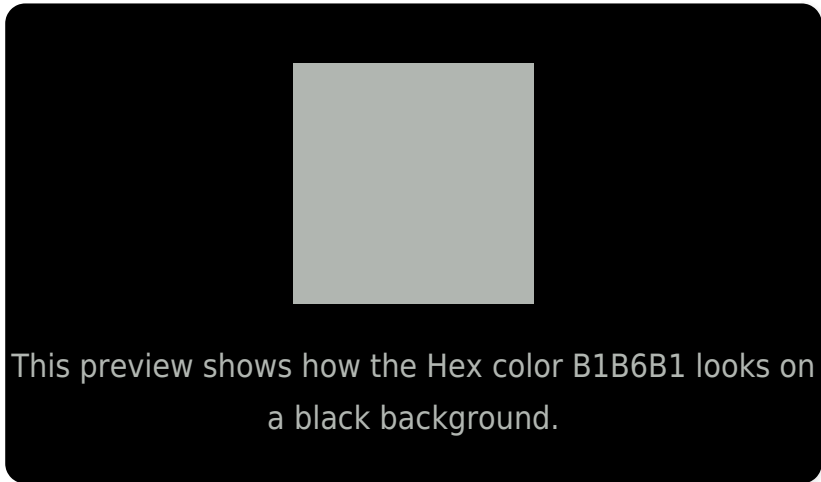
Large Text (above 18pt) WCAG AA × Fail

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

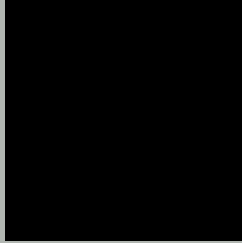
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

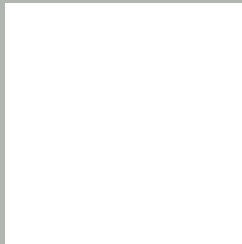
Any Text WCAG AAA ✓ Pass

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

Hex B1B6B1 Background



This preview shows how black text looks on a background with the Hex color B1B6B1.



This preview shows how white text looks on a background with the Hex color B1B6B1.

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](#).

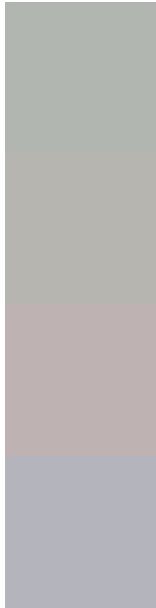
Dichromacy





Tritanopia
B4B3C2

Trichromacy



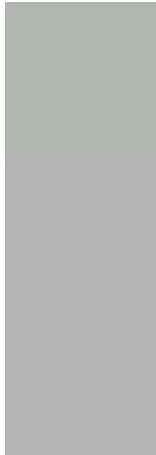
Original Color
B1B6B1

Protanomaly
B6B5B0

Deuteranomaly
BFB2B2

Tritanomaly
B3B4BC

Monochromacy



Original Color
B1B6B1

Achromatopsia
B4B4B4

Achromatomaly
B3B5B3

CSS Examples

Text

The CSS property to change the color of the text to Hex B1B6B1 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 #B1B6B1 looks like.

```
.text, #text, p{  
    color:#B1B6B1  
}
```

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 #B1B6B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B6B1
}
```

Border

The CSS property to change the border of an element to Hex B1B6B1 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
#B1B6B1 }
```

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

```
.border{ border-color:#B1B6B1 }
```

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

Here you see how a box with a 4 pixel #B1B6B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B6B1; -webkit-box-shadow:4px 4px  
4px 4px #B1B6B1; box-shadow:4px 4px 4px  
4px #B1B6B1 }
```

Background

The CSS property to change the background color of an element to Hex B1B6B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B6B1 }
```

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

```
.background{ background-color:#B1B6B1 }
```

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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