

# Converting Colors

Hex(B5BEB5)

Have a look what the booklet for  
Hex(B5BEB5) contains.

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# **Color**

**Hex(B5BEB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5BEB5
RGB	181, 190, 181
RGB Percent	71%, 75%, 71%
CMY	0.2902, 0.2549, 0.2902
CMYK	0.05, 0.00, 0.05, 0.25
HSL	120°, 6%, 73%
HSV	120°, 5%, 75%
XYZ	45.8100, 49.9869, 50.9500
YIQ	186.2830, -2.4750, -4.7070

# Conversions

## Conversions Part 2

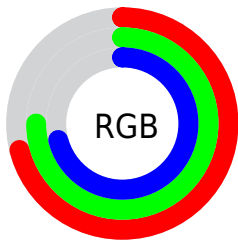
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 190, 190
Decimal	11910837
CIELab	76.06, -4.79, 3.45
CIElCh	76, 5.909, 144.218
Yxy	49.9869, 0.3122, 0.3406
Android (android.graphics.Color)	4290100917 (0xFFB5BEB5)
YUV	186.2830, -2.6045, -4.6332
Hunter-Lab	70.7014, -8.0708, 6.7644

# Details

The Hex color **B5BEB5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BEB5BE**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EDF6ED**, and **808980** is the 20% darker color. If you saturate the color by 10%, you get **A2BEA2**, and if you desaturate by 10%, it is **C8BEC8**.

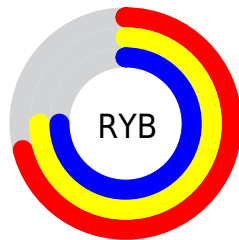
# Distribution



Red (71%)

Green (75%)

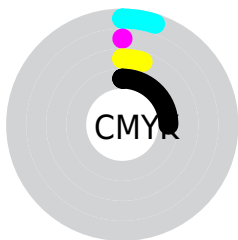
Blue (71%)



Red (71%)

Yellow (75%)

Blue (75%)

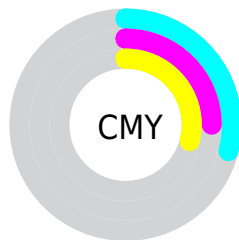


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (25%)



Cyan (29%)

Magenta (25%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5BEB5 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 B5BEB5 by changing the saturation by 10% instead.



 B5BEB5

 B5BEB5

FFFFFF

 9AA39A

 EDF6ED

 808980

 676F67

 4F574F

 384038

 232A23

 0D150D

 000000

 B5BEB5

 B5BEB5

 A2BEA2

 C8BEC8

 8FBE8F

 DBBEDB

 7CBE7C

 EEBEEE

 69BE69

 FFBEFF

 56BE56

 43BE43

 30BE30

 1DBE1D

 0ABE0A

# Harmonies

## Analogous

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



BBBDB2



B5BEB5



B0BFBA

# Triad

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



B5BEB5



B5BCC6



C8B8B7

# Complementary

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



B5BEB5



BEB5BE

# 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.



C6B8BD



B5BEB5



BBBAC5

# Square

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



B5BEB5



B0BEC4



C2B9C2



C6B9B3

# Rectangle

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



B5BEB5



AFBFBE



C2B9C2



C8B8B9

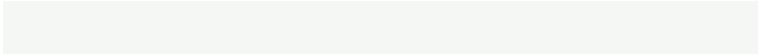


# Sweetspot

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



B5BEB5



F5F7F5



BEBEB5



7C7D7C



FCFCFC



7D7D7D

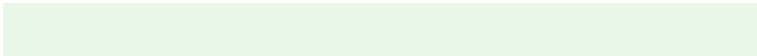


# Same Dimension

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



B5BEB5



E9F7E9



B5BEBA



585E58



009E00



001F00



# Inverse Universe

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



BEB5BE



F7E9F7



BEB5BA



5E585E



9E009E

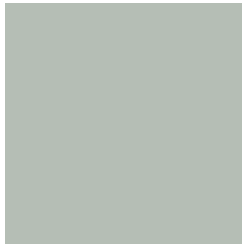


1F001F



# Previews

## White Background



This preview shows how the Hex color B5BEB5 looks on a white background.

## Color Contrast Check

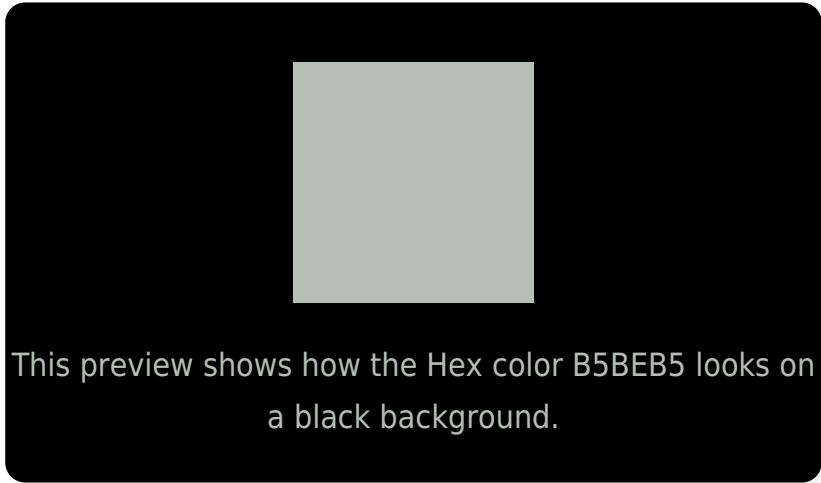
Large Text (above 18pt) WCAG AA × Fail

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

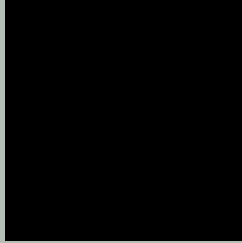
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

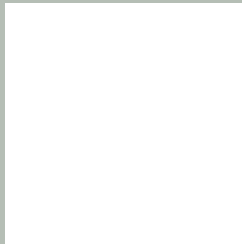
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5BEB5 Background



This preview shows how black text looks on a background with the Hex color B5BEB5.



This preview shows how white text looks on a background with the Hex color B5BEB5.

# 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](#).

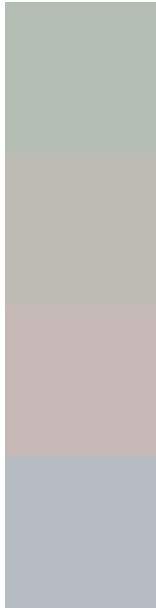
## Dichromacy





**Tritanopia**  
B8BBCA

# Trichromacy



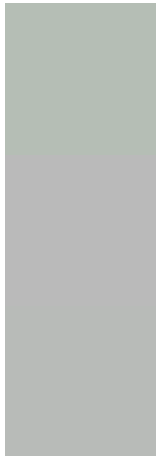
**Original Color**  
B5BEB5

**Protanomaly**  
BDBCB4

**Deuteranomaly**  
C6B8B6

**Tritanomaly**  
B7BCC2

# Monochromacy



**Original Color**  
B5BEB5

**Achromatopsia**  
BABABA

**Achromatomaly**  
B8BBB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5BEB5 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 #B5BEB5 looks like.

```
.text, #text, p{  
    color:#B5BEB5  
}
```

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 #B5BEB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5BEB5
}
```

## Border

The CSS property to change the border of an element to Hex B5BEB5 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
#B5BEB5 }
```

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

```
.border{ border-color:#B5BEB5 }
```

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

Here you see how a box with a 4 pixel #B5BEB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5BEB5; -webkit-box-shadow:4px 4px  
4px 4px #B5BEB5; box-shadow:4px 4px 4px  
4px #B5BEB5 }
```

# Background

The CSS property to change the background color of an element to Hex B5BEB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5BEB5 }
```

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

```
.background{ background-color:#B5BEB5 }
```

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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