

# Converting Colors

Hex(B3BFBD)

Have a look what the booklet for  
Hex(B3BFBD) contains.

<b>Hex(B3BFBD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B3BFBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3BFBD
RGB	179, 191, 189
RGB Percent	70%, 75%, 74%
CMY	0.2980, 0.2510, 0.2588
CMYK	0.06, 0.00, 0.01, 0.25
HSL	170°, 9%, 73%
HSV	170°, 6%, 75%
XYZ	46.4065, 50.5194, 55.4495
YIQ	187.1840, -6.5100, -3.1660

# Conversions

## Conversions Part 2

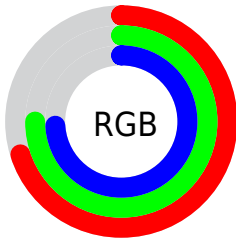
Format	Color
RYP	179, 186, 191
Decimal	11780029
CIELab	76.39, -4.50, -0.43
CIElCh	76, 4.523, 185.402
Yxy	50.5194, 0.3046, 0.3315
Android (android.graphics.Color)	4289970109 (0xFFB3BFBD)
YUV	187.1840, 0.8953, -7.1774
Hunter-Lab	71.0770, -7.8413, 3.4999

# Details

The Hex color **B3BFBD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BFB3B5**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **EBF7F5**, and **7E8A88** is the 20% darker color. If you saturate the color by 10%, you get **A0BFBA**, and if you desaturate by 10%, it is **C6BFC0**.

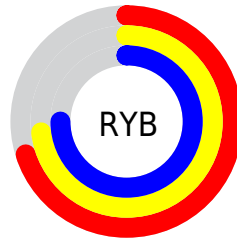
# Distribution



Red (70%)

Green (75%)

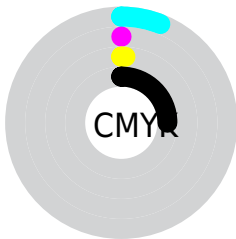
Blue (74%)



Red (70%)

Yellow (73%)

Blue (75%)

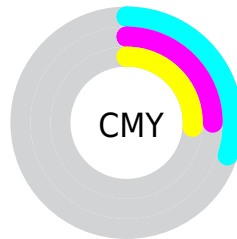


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3BFBD 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 B3BFBD by changing the saturation by 10% instead.



 B3BFBD

 B3BFBD

FFFFFF

 98A4A2

 EBF7F5

 7E8A88

 65706E

 4D5856

 36413F

 212B29

 0B1615

 000000

 B3BFBD

 B3BFBD

 A0BFBA

 C6BFC0

 8DBFB7

 D9BFC3

 7ABFB3

 ECBFC7

 67BFB0

 FFBFCA

 53BFAD

 FFBFCD

 40BFAA

 FFBFD0

 2DBFA7

 FFBFD3

 1ABFA4

 FFBFD6

 07BFA0

 FFBFDA

# Harmonies

## Analogous

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



B6FB9



B3BFBD



B3BFC1

# Triad

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



B3BFBD



BEBBC3



C3BBB5

# Complementary

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



B3BFBD



BFB3B5

# 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.



C6BAB8



B3BFBD



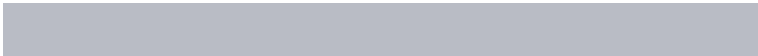
C3BAC0

# Square

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



B3FBFD



B9BCC5



C5BABC



BFBCB4

# Rectangle

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



B3BFBD



B4BEC3



C5BABC



C4BBB6

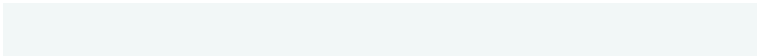


# Sweetspot

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



B3BFBD



F2F7F7



B5BFB3



7A7D7D



FCFCFC



7D7D7D



# Same Dimension

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



B3BFBD



E4F7F4



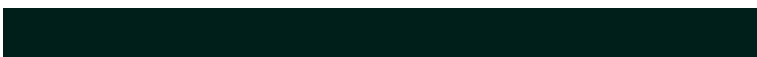
B3BBBF



555E5D



009E84



001F1A



# Inverse Universe

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



BFB3B5



F7E4E7



BFB7B3



5E5556



9E001A

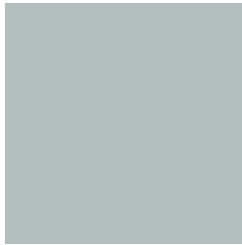


1F0005



# Previews

## White Background



This preview shows how the Hex color B3BFBD looks on a white background.

## Color Contrast Check

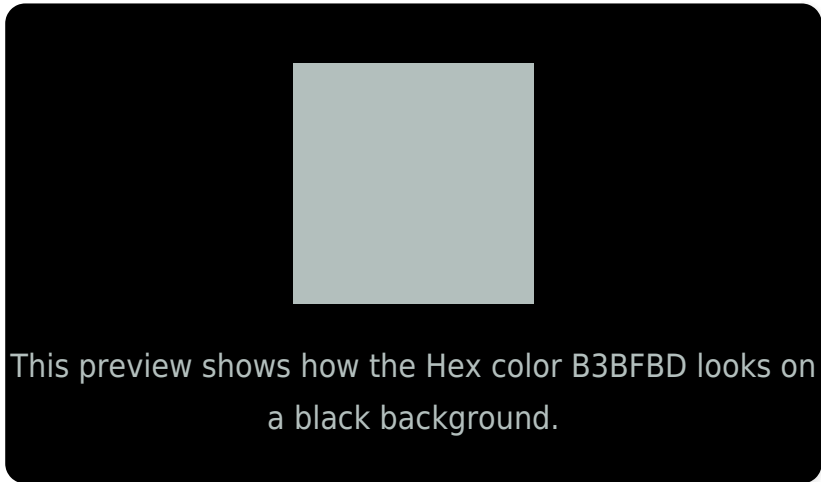
Large Text (above 18pt) WCAG AA × Fail

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

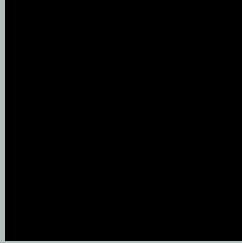
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

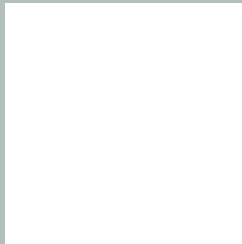
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3BFBD Background



This preview shows how black text looks on a background with the Hex color B3BFBD.



This preview shows how white text looks on a background with the Hex color B3BFBD.

# 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





# Trichromacy



**Original Color**  
B3BFBD

**Protanomaly**  
BBBCBC

**Deuteranomaly**  
C4B9BE

**Tritanomaly**  
B4BEC7

# Monochromacy



**Original Color**  
B3BFBD

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
B8BCBC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3BFBD 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 #B3BFBD looks like.

```
.text, #text, p{  
    color:#B3BFBD  
}
```

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 #B3BFBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3BFBD
}
```

## Border

The CSS property to change the border of an element to Hex B3BFBD 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
#B3BFBD }
```

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

```
.border{ border-color:#B3BFBD }
```

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

Here you see how a box with a 4 pixel #B3BFBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3BFBD; -webkit-box-shadow:4px 4px  
4px 4px #B3BFBD; box-shadow:4px 4px 4px  
4px #B3BFBD }
```

# Background

The CSS property to change the background color of an element to Hex B3BFBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3BFBD }
```

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

```
.background{ background-color:#B3BFBD }
```

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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