

# Converting Colors

Hex(B3BD7E)

Have a look what the booklet for  
Hex(B3BD7E) contains.

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# **Color**

**Hex(B3BD7E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3BD7E
RGB	179, 189, 126
RGB Percent	70%, 74%, 49%
CMY	0.2980, 0.2588, 0.5059
CMYK	0.05, 0.00, 0.33, 0.26
HSL	70°, 32%, 62%
HSV	70°, 33%, 74%
XYZ	40.5539, 47.4853, 26.7668
YIQ	178.8280, 14.2630, -21.7130

# Conversions

## Conversions Part 2

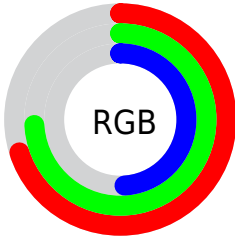
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 189, 136
Decimal	11779454
CIELab	74.50, -13.67, 30.75
CIELCh	74, 33.646, 113.965
Yxy	47.4853, 0.3532, 0.4136
Android (android.graphics.Color)	4289969534 (0xFFB3BD7E)
YUV	178.8280, -26.0442, 0.1508
Hunter-Lab	68.9095, -15.5428, 25.2064

# Details

The Hex color **B3BD7E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **887EBD**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **EBF5B3**, and **7D884C** is the 20% darker color. If you saturate the color by 10%, you get **B0BD6B**, and if you desaturate by 10%, it is **B6BD91**.

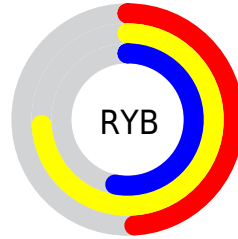
# Distribution



Red (70%)

Green (74%)

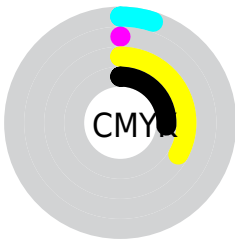
Blue (49%)



Red (49%)

Yellow (74%)

Blue (53%)

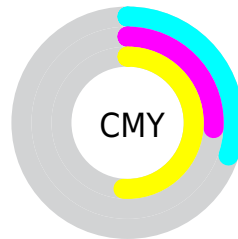


Cyan (5%)

Magenta (0%)

Yellow (33%)

Black (26%)



Cyan (30%)

Magenta (26%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3BD7E 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 B3BD7E by changing the saturation by 10% instead.



 B3BD7E

 B3BD7E

FFFFFF

 98A265

 EBF5B3

 7D884C

 FFFFCF

 646E34

 FFFFEB

 4B561D

 333F05

 1D2900

 001600

 000000

 B3BD7E

 B3BD7E

 B0BD6B

 B6BD91

 ADBD58

 B9BDA4

 AABD45

 BCBDB7

 A7BD32

 BFBDC A

 A4BD20

 C2BDDD

 A1BD0D

 C5BDEF

 9FBD00

 C8BDFF

 CBBDF F

 CEBDF F

# Harmonies

## Analogous

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



D2B37A



B3BD7E



8FC492

# Triad

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



B3BD7E



5BC4E8



EFA0BF

# Complementary

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



B3BD7E



887EBD

# 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.



D9A7DC



B3BD7E



84BCF4

# Square

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



B3BD7E



51C8CF



B3B2F0



F5A1A0

# Rectangle

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



B3BD7E



77C7A5



B3B2F0



EAA2C9



# Sweetspot

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



B3BD7E



F1F5DC



BD877E



787A6C



FAFAFA



7A7A7A



# Same Dimension

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



B3BD7E



E5F593



94BD7E



5D5E55



859E00



1A1F00



# Inverse Universe

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



887EBD



A293F5



A77EBD



56555E



19009E



05001F



# Previews

## White Background



This preview shows how the Hex color B3BD7E looks on a white background.

## Color Contrast Check

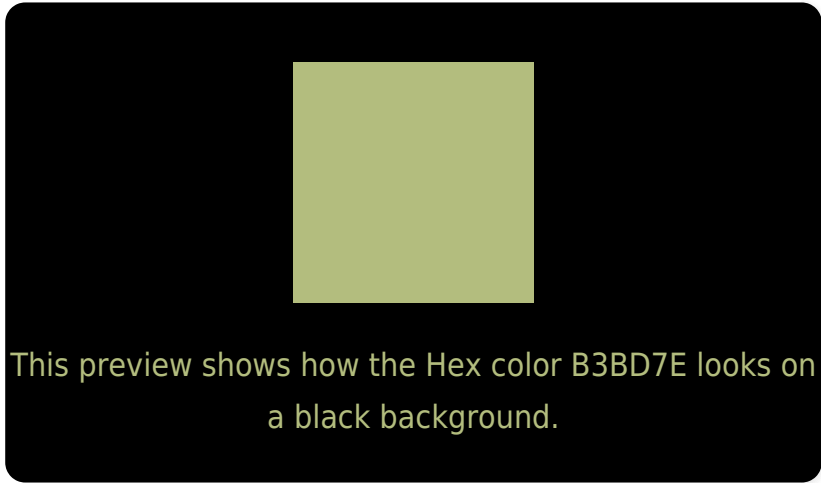
Large Text (above 18pt) WCAG AA × Fail

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

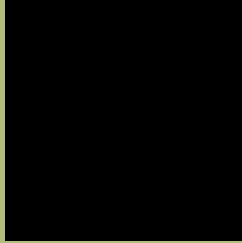
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3BD7E Background



This preview shows how black text looks on a background with the Hex color B3BD7E.

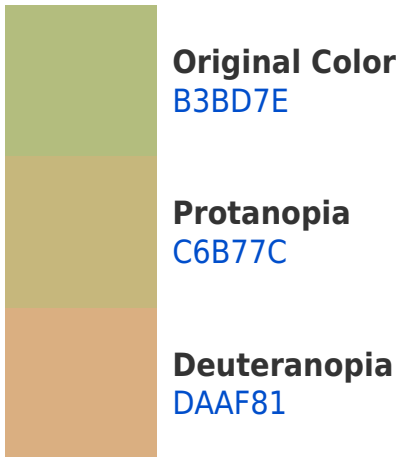


This preview shows how white text looks on a background with the Hex color B3BD7E.

# 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



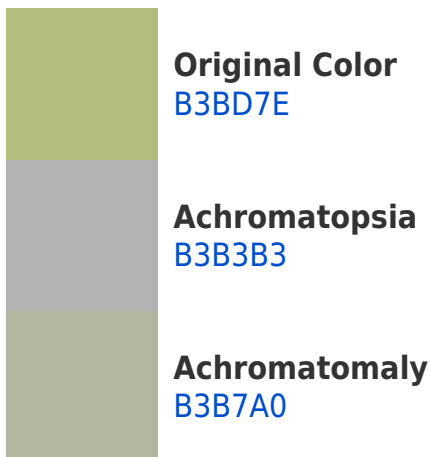


**Tritanopia**  
BCB4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3BD7E 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 #B3BD7E looks like.

```
.text, #text, p{  
    color:#B3BD7E  
}
```

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 #B3BD7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3BD7E
}
```

## Border

The CSS property to change the border of an element to Hex B3BD7E 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
#B3BD7E }
```

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

```
.border{ border-color:#B3BD7E }
```

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

Here you see how a box with a 4 pixel #B3BD7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3BD7E; -webkit-box-shadow:4px 4px  
4px 4px #B3BD7E; box-shadow:4px 4px 4px  
4px #B3BD7E }
```

# Background

The CSS property to change the background color of an element to Hex B3BD7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3BD7E }
```

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

```
.background{ background-color:#B3BD7E }
```

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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