

# Converting Colors

Hex(B1D0AB)

Have a look what the booklet for  
Hex(B1D0AB) contains.

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# **Color**

**Hex(B1D0AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1D0AB
RGB	177, 208, 171
RGB Percent	69%, 82%, 67%
CMY	0.3059, 0.1843, 0.3294
CMYK	0.15, 0.00, 0.18, 0.18
HSL	110°, 28%, 74%
HSV	110°, 18%, 82%
XYZ	48.0380, 57.3991, 47.0753
YIQ	194.5130, -6.5990, -18.0790

# Conversions

## Conversions Part 2

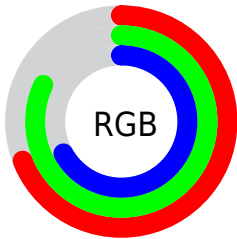
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 208, 202
Decimal	11653291
CIELab	80.40, -17.26, 14.98
CIElCh	80, 22.852, 139.034
Yxy	57.3991, 0.3150, 0.3764
Android (android.graphics.Color)	4289843371 (0xFFB1D0AB)
YUV	194.5130, -11.5919, -15.3589
Hunter-Lab	75.7622, -19.4036, 16.1933

# Details

The Hex color **B1D0AB** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CAABD0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **E9FFE2**, and **7C9A77** is the 20% darker color. If you saturate the color by 10%, you get **A0D096**, and if you desaturate by 10%, it is **C2D0C0**.

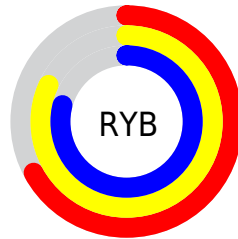
# Distribution



Red (69%)

Green (82%)

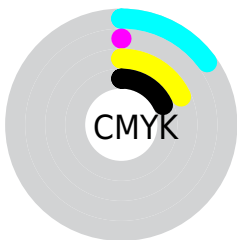
Blue (67%)



Red (67%)

Yellow (82%)

Blue (79%)

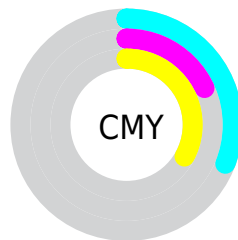


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (18%)



Cyan (31%)

Magenta (18%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1D0AB 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 B1D0AB by changing the saturation by 10% instead.



 B1D0AB

FFFFFF

 E9FFE2

 B1D0AB

 96B490

 7C9A77

 63805E

 4B6646

 334E30

 1D371A

 092201

 000300

 000000

 B1D0AB

 B1D0AB

 A0D096

 C2D0C0

 8ED081

 D4D0D5

 7DD06D

 E5D0E9

 6BD058

 F7D0FE

 5AD043

 FFD0FF

 48D02E

 37D019

 26D005

 22D000

# Harmonies

## Analogous

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



C9CA9F



B1D0AB



9BD3BF

# Triad

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



B1D0AB



A5CCF1



F4B9BA

# Complementary

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



B1D0AB



CAABD0

# 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.



EEB9D0



B1D0AB



C1C5F0

# Square

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



B1D0AB



91D1E7



DBBEE4



EFBDA8

# Rectangle

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



B1D0AB



90D4CD



DBBEE4



F3B8C2



# Sweetspot

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



B1D0AB



F4FFF2



D0CAAB



798078



000000



808080

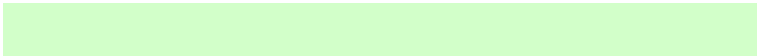


# Same Dimension

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



B1D0AB



D2FFC9



ABD0B7



60695E



1BA800



072900



# Inverse Universe

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



CAABD0



F6C9FF



D0ABC4



675E69



8D00A8

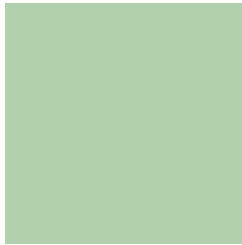


220029



# Previews

## White Background



This preview shows how the Hex color B1D0AB looks on a white background.

## Color Contrast Check

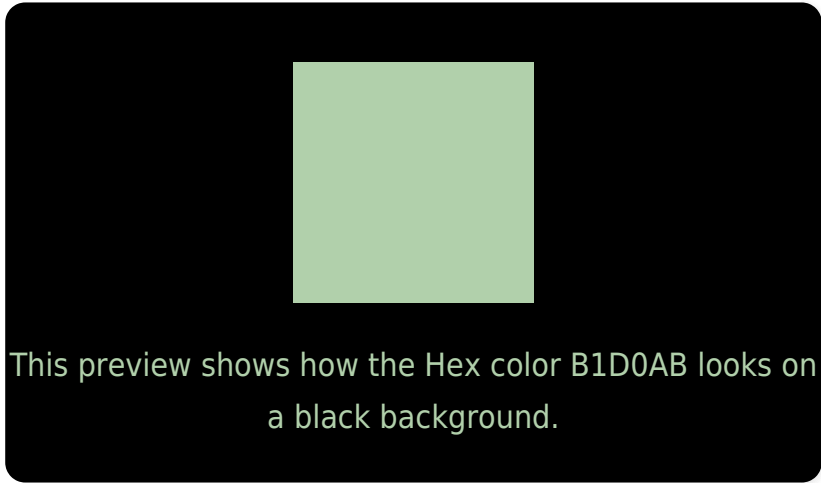
Large Text (above 18pt) WCAG AA × Fail

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

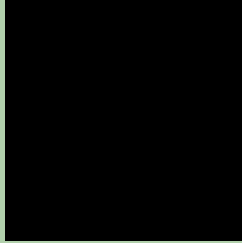
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1D0AB Background



This preview shows how black text looks on a background with the Hex color B1D0AB.

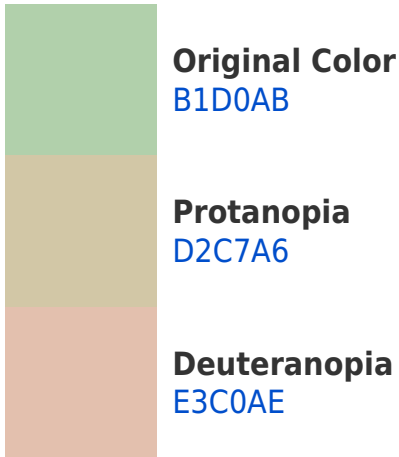


This preview shows how white text looks on a background with the Hex color B1D0AB.

# Color Blindness Simulation

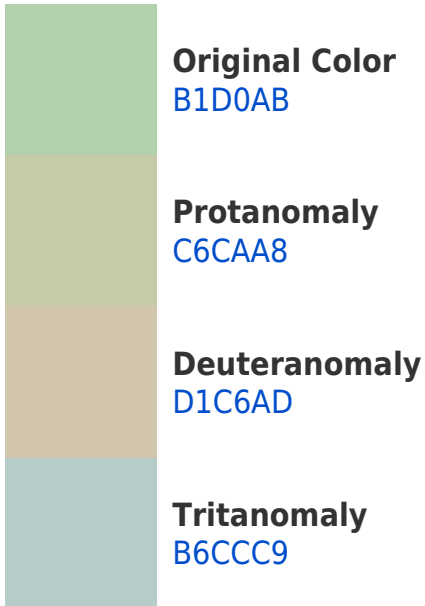
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

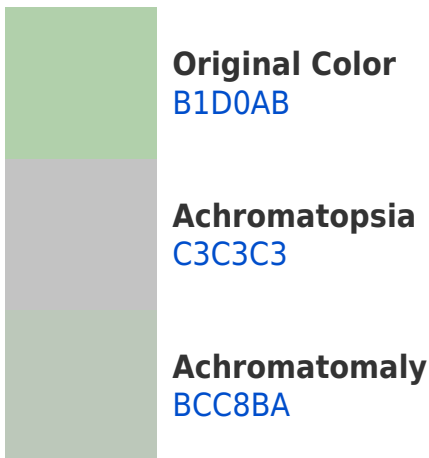




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1D0AB 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 #B1D0AB looks like.

```
.text, #text, p{  
    color:#B1D0AB  
}
```

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 #B1D0AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D0AB
}
```

## Border

The CSS property to change the border of an element to Hex B1D0AB 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
#B1D0AB }
```

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

```
.border{ border-color:#B1D0AB }
```

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

Here you see how a box with a 4 pixel #B1D0AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D0AB; -webkit-box-shadow:4px 4px  
4px 4px #B1D0AB; box-shadow:4px 4px 4px  
4px #B1D0AB }
```

# Background

The CSS property to change the background color of an element to Hex B1D0AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D0AB }
```

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

```
.background{ background-color:#B1D0AB }
```

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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