

# Converting Colors

Hex(B1E8AD)

Have a look what the booklet for  
Hex(B1E8AD) contains.

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# **Color**

**Hex(B1E8AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1E8AD
RGB	177, 232, 173
RGB Percent	69%, 91%, 68%
CMY	0.3059, 0.0902, 0.3216
CMYK	0.24, 0.00, 0.25, 0.09
HSL	116°, 56%, 79%
HSV	116°, 25%, 91%
XYZ	54.5309, 70.0775, 50.1874
YIQ	208.8290, -13.8410, -30.0090

# Conversions

## Conversions Part 2

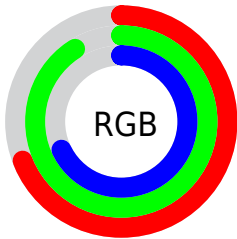
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">173, 232, 228</a>
Decimal	<a href="#">11659437</a>
CIELab	<a href="#">87.03, -28.65, 23.15</a>
CIElCh	<a href="#">87, 36.834, 141.054</a>
Yxy	<a href="#">70.0775, 0.3120, 0.4009</a>
Android (android.graphics.Color)	<a href="#">4289849517 (0xFFB1E8AD)</a>
YUV	<a href="#">208.8290, -17.6637, -27.9140</a>
Hunter-Lab	<a href="#">83.7123, -30.2201, 23.0529</a>

# Details

The Hex color **B1E8AD** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E4ADE8**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EAFFE5**, and **7BB078** is the 20% darker color. If you saturate the color by 10%, you get **9BE896**, and if you desaturate by 10%, it is **C7E8C4**.

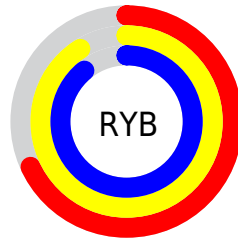
# Distribution



Red (69%)

Green (91%)

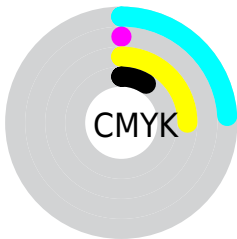
Blue (68%)



Red (68%)

Yellow (91%)

Blue (89%)

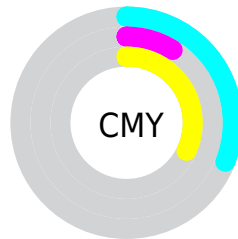


Cyan (24%)

Magenta (0%)

Yellow (25%)

Black (9%)



Cyan (31%)

Magenta (9%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1E8AD 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 B1E8AD by changing the saturation by 10% instead.



 B1E8AD

FFFFFF

 EAFFE5

 B1E8AD

 96CC92

 7BB078

 61955F

 487B47

 2F6230

 154A1A

 003302

 002000

 000000

 B1E8AD

 B1E8AD

 9BE896

 C7E8C4

 86E87F

 DCE8DB

 70E867

 F2E8F3

 5AE850

 FFE8FF

 45E839

 2FE822

 1AE80B

 10E800

# Harmonies

## Analogous

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



D9E098



B1E8AD



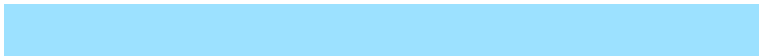
88EDCE

# Triad

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



B1E8AD



9CE1FF



FFC1C3

# Complementary

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



B1E8AD



E4ADE8

# 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.



FFC1E6



B1E8AD



D0D5FF

# Square

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



B1E8AD



71E9FF



FCC9FF



FFC9A5

# Rectangle

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



B1E8AD



72EDE6



FCC9FF



FFC0CE



# Sweetspot

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



B1E8AD



ECFFEB



E8E3AD



748073



000000



808080

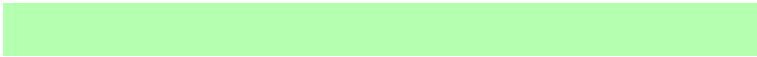


# Same Dimension

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



B1E8AD



B5FFB0



ADE8C6



687367



0CB300



033300



# Inverse Universe

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



E4ADE8



FAB0FF



E8ADCF



726773



A600B3

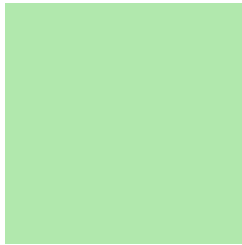


300033



# Previews

## White Background



This preview shows how the Hex color B1E8AD looks on a white background.

## Color Contrast Check

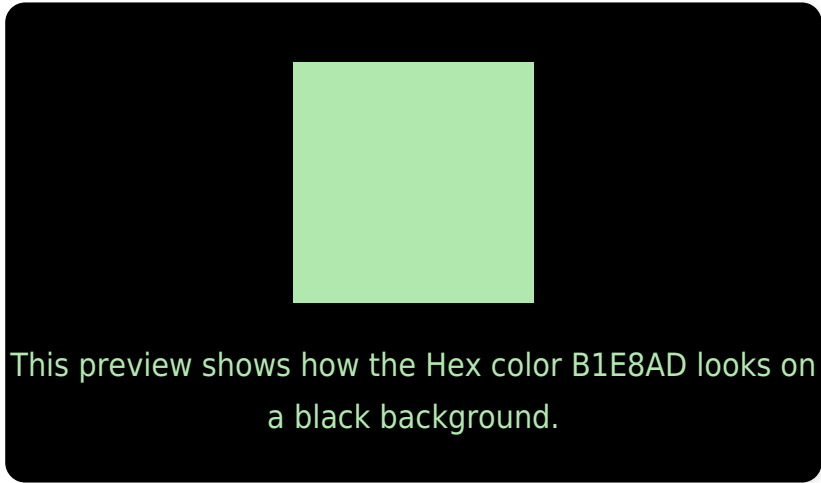
Large Text (above 18pt) WCAG AA × Fail

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 B1E8AD Background



This preview shows how black text looks on a background with the Hex color B1E8AD.

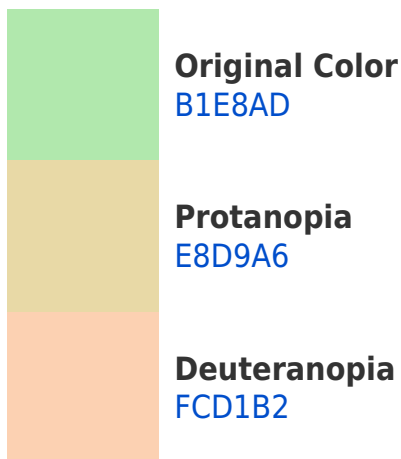


This preview shows how white text looks on a background with the Hex color B1E8AD.

# 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](#).

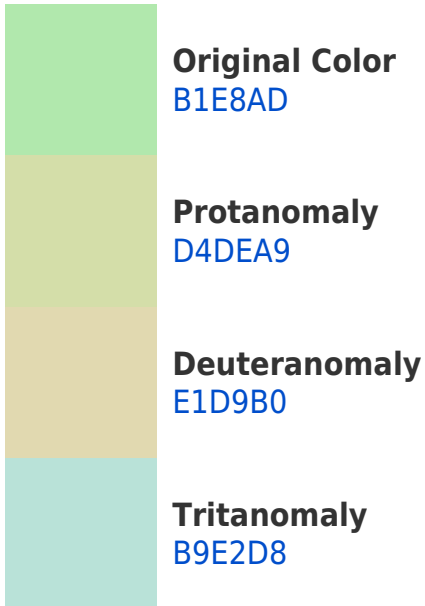
## Dichromacy



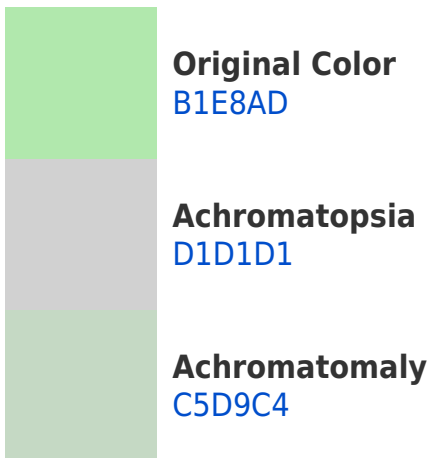


**Tritanopia**  
BDDFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1E8AD 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 #B1E8AD looks like.

```
.text, #text, p{  
    color:#B1E8AD  
}
```

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 #B1E8AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E8AD
}
```

## Border

The CSS property to change the border of an element to Hex B1E8AD 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
#B1E8AD }
```

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

```
.border{ border-color:#B1E8AD }
```

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

Here you see how a box with a 4 pixel #B1E8AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E8AD; -webkit-box-shadow:4px 4px  
4px 4px #B1E8AD; box-shadow:4px 4px 4px  
4px #B1E8AD }
```

# Background

The CSS property to change the background color of an element to Hex B1E8AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E8AD }
```

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

```
.background{ background-color:#B1E8AD }
```

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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