

# Converting Colors

Hex(B0E48E)

Have a look what the booklet for  
Hex(B0E48E) contains.

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**Color**

**Hex(B0E48E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0E48E
RGB	176, 228, 142
RGB Percent	69%, 89%, 56%
CMY	0.3098, 0.1059, 0.4431
CMYK	0.23, 0.00, 0.38, 0.11
HSL	96°, 61%, 73%
HSV	96°, 38%, 89%
XYZ	50.5304, 66.6699, 35.7965
YIQ	202.6480, -3.3860, -37.7700

# Conversions

## Conversions Part 2

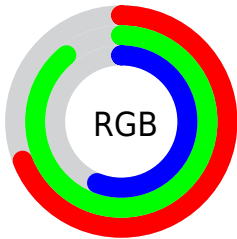
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 228, 194
Decimal	11592846
CIELab	85.34, -31.75, 36.68
CIELCh	85, 48.514, 130.875
Yxy	66.6699, 0.3303, 0.4358
Android (android.graphics.Color)	4289782926 (0xFFB0E48E)
YUV	202.6480, -29.8995, -23.3703
Hunter-Lab	81.6516, -32.4251, 31.1631

# Details

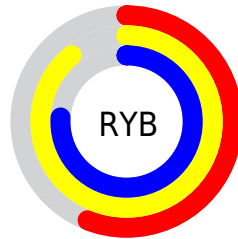
The Hex color **B0E48E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C28EE4**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E9FFC5**, and **7AAC5A** is the 20% darker color. If you saturate the color by 10%, you get **A2E477**, and if you desaturate by 10%, it is **BEE4A5**.

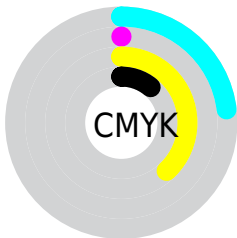
# Distribution



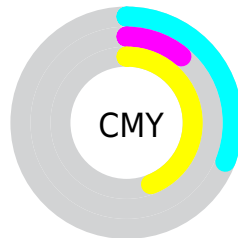
- Red (69%)
- Green (89%)
- Blue (56%)



- Red (56%)
- Yellow (89%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (38%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0E48E 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 B0E48E by changing the saturation by 10% instead.



 B0E48E

 B0E48E

FFFFFF

 95C874

 E9FFC5

 7AAC5A

 FFFFE1


 5F9242

FFFFFFE

 467829

 2C5F10

 104600

 002F00

 001B00

 000000

 B0E48E

 B0E48E

 A2E477

 BEE4A5

 94E460

 CCE4BC

 87E44A

 D9E4D2

 79E433

 E7E4E9

 6BE41C

 F5E4FF

 5DE405

 FFE4FF

 5AE400

# Harmonies

## Analogous

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



E2D879



B0E48E



74EBB6

# Triad

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



B0E48E



52E2FF



FFB1C6

# Complementary

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



B0E48E



C28EE4

# Split Complementary

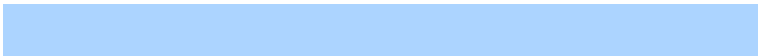
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB5F4



B0E48E



ACD4FF

# Square

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



B0E48E



00EBFF



F0C3FF



FFB99B

# Rectangle

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



B0E48E



40EDD5



F0C3FF



FFB1D6



# Sweetspot

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



B0E48E



EEFFE3



E4C28E



75806F



000000



808080

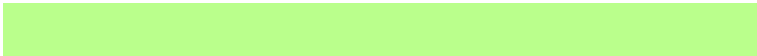


# Same Dimension

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



B0E48E



BAFF8C



8EE497



6C7367



47B300



143300



# Inverse Universe

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



C28EE4



D28CFF



E48EDB



6E6773



6C00B3



1F0033



# Previews

## White Background



This preview shows how the Hex color B0E48E looks on a white background.

## Color Contrast Check

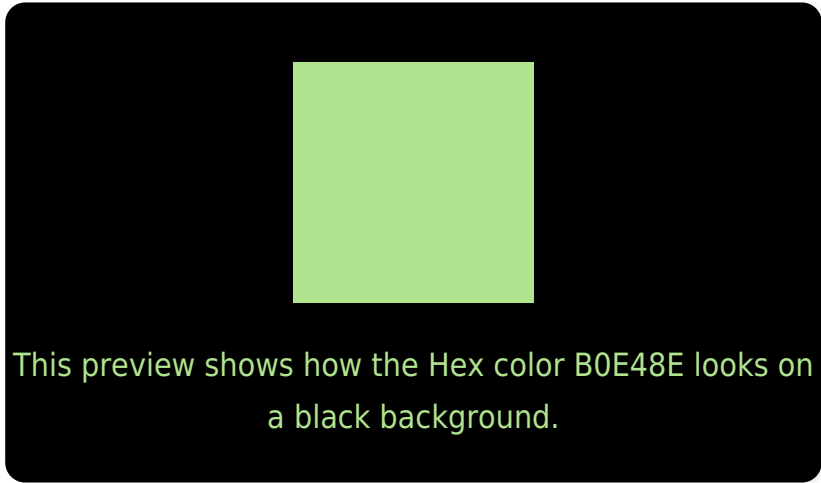
Large Text (above 18pt) WCAG AA × Fail

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 B0E48E Background



This preview shows how black text looks on a background with the Hex color B0E48E.

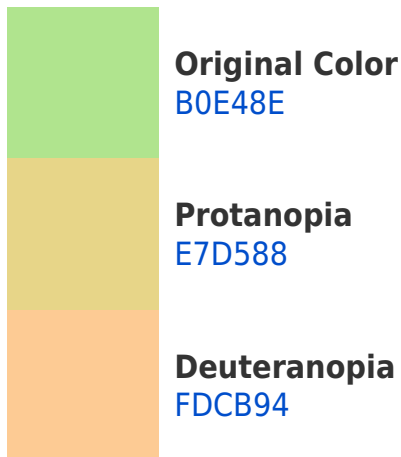


This preview shows how white text looks on a background with the Hex color B0E48E.

# 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](#).

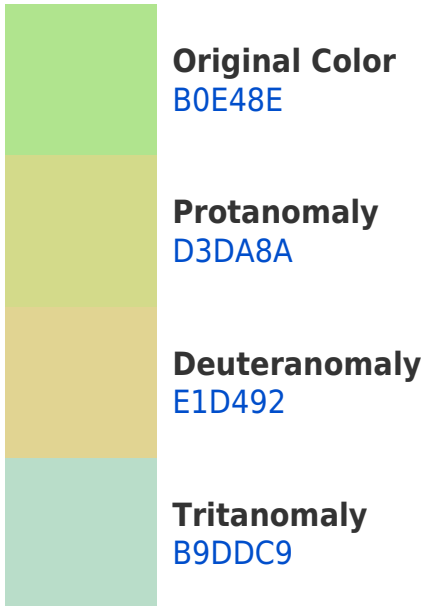
## Dichromacy



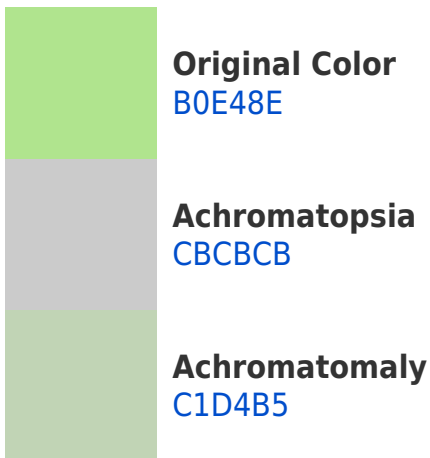


**Tritanopia**  
BED9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0E48E 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 #B0E48E looks like.

```
.text, #text, p{  
    color:#B0E48E  
}
```

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 #B0E48E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E48E
}
```

## Border

The CSS property to change the border of an element to Hex B0E48E 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
#B0E48E }
```

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

```
.border{ border-color:#B0E48E }
```

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

Here you see how a box with a 4 pixel #B0E48E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E48E; -webkit-box-shadow:4px 4px  
4px 4px #B0E48E; box-shadow:4px 4px 4px  
4px #B0E48E }
```

# Background

The CSS property to change the background color of an element to Hex B0E48E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E48E }
```

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

```
.background{ background-color:#B0E48E }
```

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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