

# Converting Colors

Hex(B0E97B)

Have a look what the booklet for  
Hex(B0E97B) contains.

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**Color**

**Hex(B0E97B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B0E97B</a>
RGB	<a href="#">176, 233, 123</a>
RGB Percent	<a href="#">69%, 91%, 48%</a>
CMY	<a href="#">0.3098, 0.0863, 0.5176</a>
CMYK	<a href="#">0.24, 0.00, 0.47, 0.09</a>
HSL	<a href="#">91°, 71%, 70%</a>
HSV	<a href="#">91°, 47%, 91%</a>
XYZ	<a href="#">50.6186, 68.9380, 29.3774</a>
YIQ	<a href="#">203.4170, 1.3380, -46.2940</a>

# Conversions

## Conversions Part 2

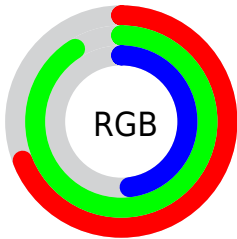
Format	Color
<a href="#">RYB</a>	<a href="#">123, 233, 180</a>
Decimal	<a href="#">11594107</a>
CIELab	<a href="#">86.47, -36.41, 47.44</a>
CIELCh	<a href="#">86, 59.804, 127.505</a>
Yxy	<a href="#">68.9380, 0.3399, 0.4629</a>
Android (android.graphics.Color)	<a href="#">4289784187 (0xFFB0E97B)</a>
YUV	<a href="#">203.4170, -39.6456, -24.0447</a>
Hunter-Lab	<a href="#">83.0289, -36.4781, 37.1422</a>

# Details

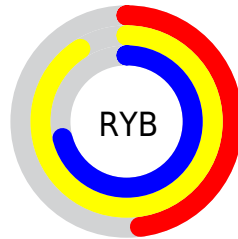
The Hex color **B0E97B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B47BE9**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E9FFB1**, and **79B147** is the 20% darker color. If you saturate the color by 10%, you get **A4E964**, and if you desaturate by 10%, it is **BCE992**.

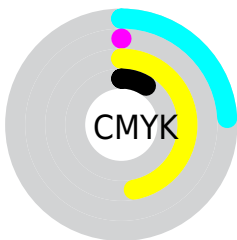
# Distribution



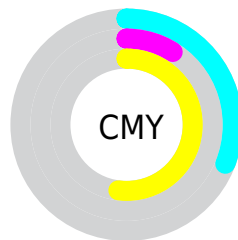
- Red (69%)
- Green (91%)
- Blue (48%)



- Red (48%)
- Yellow (91%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (47%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0E97B 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 B0E97B by changing the saturation by 10% instead.



 B0E97B

FFFFFF

 E9FFB1

 FFFFCF

 FFFFEA

 B0E97B

 94CD61

 79B147

 5E962D

 437C0F

 276300

 084A00

 003300

 001F00

 000000

 B0E97B

 B0E97B

 A4E964

 BCE992

 98E94C

 C8E9AA

 8CE935

 D4E9C1

 80E91E

 E0E9D8

 74E907

 ECE9F0

 70E900

 F8E9FF

 FFE9FF

# Harmonies

## Analogous

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



EDDA64



B0E97B



5FF2AB

# Triad

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



B0E97B



00EAFB



FFA8CC

# Complementary

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



B0E97B



B47BE9

# 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.



FFB0FF



B0E97B



92DAFF

# Square

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



B0E97B



00F3FF



F0C4FF



FFB296

# Rectangle

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



B0E97B



00F5D2



F0C4FF



FFA9E0

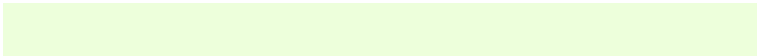


# Sweetspot

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



B0E97B



EDFFDB



E9B47B



74806A



000000



808080

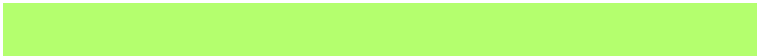


# Same Dimension

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



B0E97B



B4FF6E



7BE97D



6F756A



57B500



1A3600



# Inverse Universe

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



B47BE9



B96EFF



E97BE7



706A75



5E00B5

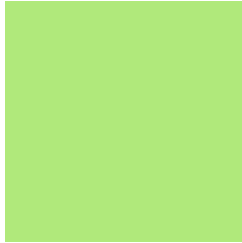


1C0036



# Previews

## White Background



This preview shows how the Hex color B0E97B looks on a white background.

## Color Contrast Check

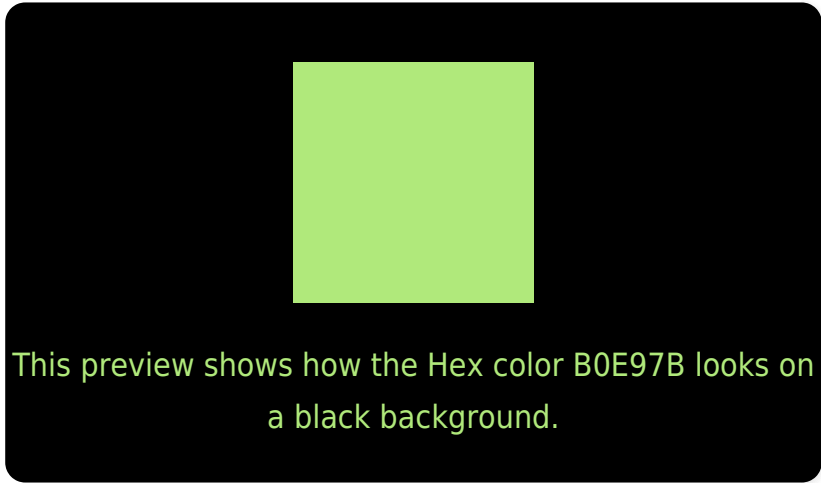
Large Text (above 18pt) WCAG AA × Fail

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 B0E97B Background



This preview shows how black text looks on a background with the Hex color B0E97B.

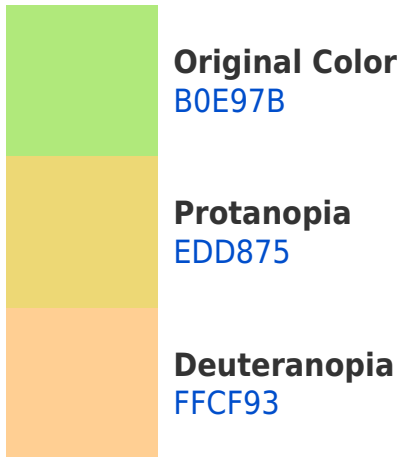


This preview shows how white text looks on a background with the Hex color B0E97B.

# 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

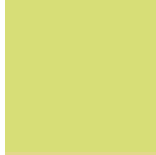




# Trichromacy



**Original Color**  
B0E97B



**Protanomaly**  
D7DE77



**Deuteranomaly**  
E2D88A

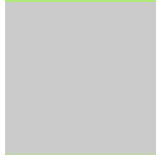


**Tritanomaly**  
BBE1C4

# Monochromacy



**Original Color**  
B0E97B



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
C1D6AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0E97B 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 #B0E97B looks like.

```
.text, #text, p{  
    color:#B0E97B  
}
```

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 #B0E97B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E97B
}
```

## Border

The CSS property to change the border of an element to Hex B0E97B 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
#B0E97B }
```

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

```
.border{ border-color:#B0E97B }
```

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

Here you see how a box with a 4 pixel #B0E97B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E97B; -webkit-box-shadow:4px 4px  
4px 4px #B0E97B; box-shadow:4px 4px 4px  
4px #B0E97B }
```

# Background

The CSS property to change the background color of an element to Hex B0E97B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E97B }
```

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

```
.background{ background-color:#B0E97B }
```

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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