

Converting Colors

Hex(B0E87C)

Have a look what the booklet for
Hex(B0E87C) contains.

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Color

Hex(B0E87C)

Conversions

Conversions Part 1

Format	Color
Hex	B0E87C
RGB	176, 232, 124
RGB Percent	69%, 91%, 49%
CMY	0.3098, 0.0902, 0.5137
CMYK	0.24, 0.00, 0.47, 0.09
HSL	91°, 70%, 70%
HSV	91°, 47%, 91%
XYZ	50.3992, 68.3986, 29.6147
YIQ	202.9440, 1.2920, -45.4600

Conversions

Conversions Part 2

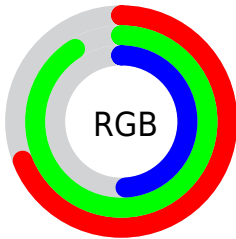
Format	Color
RYB	124, 232, 180
Decimal	11593852
CIELab	86.21, -35.84, 46.63
CIELCh	86, 58.816, 127.545
Yxy	68.3986, 0.3396, 0.4609
Android (android.graphics.Color)	4289783932 (0xFFB0E87C)
YUV	202.9440, -38.9194, -23.6299
Hunter-Lab	82.7034, -35.9537, 36.6616

Details

The Hex color **B0E87C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B47CE8**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E9FFB2**, and **79B048** is the 20% darker color. If you saturate the color by 10%, you get **A4E865**, and if you desaturate by 10%, it is **BCE893**.

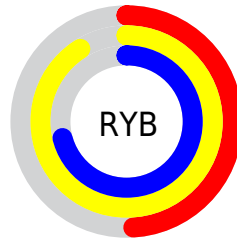
Distribution



Red (69%)

Green (91%)

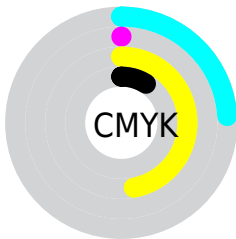
Blue (49%)



Red (49%)

Yellow (91%)

Blue (71%)

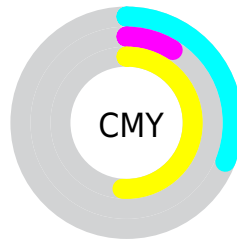


Cyan (24%)

Magenta (0%)

Yellow (47%)

Black (9%)



Cyan (31%)

Magenta (9%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E87C 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 B0E87C by changing the saturation by 10% instead.

 B0E87C

 B0E87C

FFFFFF

 94CC62

 E9FFB2

 79B048

 FFFFCE

 5E952E

 FFFFEB

 437B12

 286200

 094900

 003200

 001E00

 000000

 B0E87C

 B0E87C

 A4E865

 BCE893

 98E84E

 C8E8AA

 8CE836

 D4E8C2

 80E81F

 E0E8D9

 74E808

 ECE8F0

 70E800

 F8E8FF

 FFE8FF

Harmonies

Analogous

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



ECD965



B0E87C



62F1AB

Triad

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



B0E87C



00E9FF



FFA9CC

Complementary

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



B0E87C



B47CE8

Split Complementary

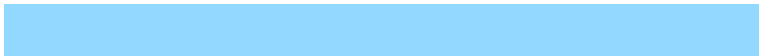
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB0FF



B0E87C



93D9FF

Square

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



B0E87C



00F2FF



EFC4FF



FFB297

Rectangle

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



B0E87C



00F4D1



EFC4FF



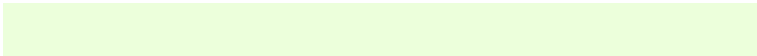
FFA9DF

Sweetspot

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



B0E87C



ECFFDB



E8B47C



74806A



000000



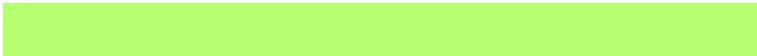
808080

Same Dimension

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



B0E87C



B5FF70



7CE87E



6D7367



56B300



193300

Inverse Universe

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



B47CE8



BA70FF



E87CE6



6D6773



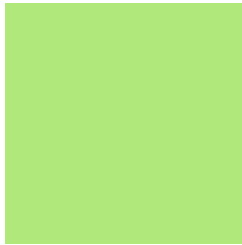
5D00B3



1A0033

Previews

White Background



This preview shows how the Hex color B0E87C looks on a white background.

Color Contrast Check

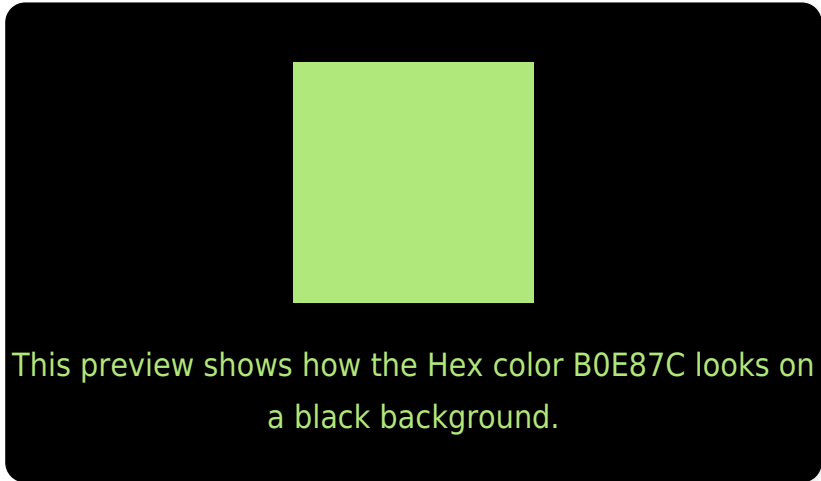
Large Text (above 18pt) WCAG AA × Fail

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 B0E87C Background



This preview shows how black text looks on a background with the Hex color B0E87C.

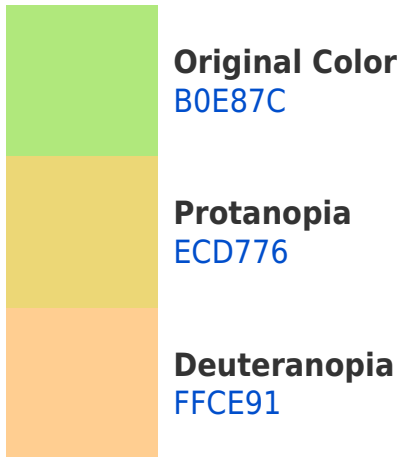


This preview shows how white text looks on a background with the Hex color B0E87C.

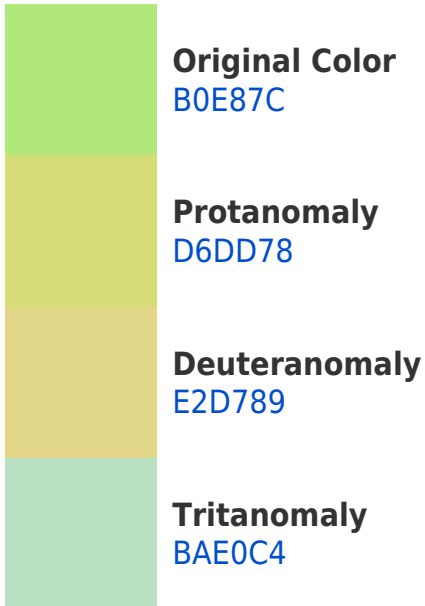
Color Blindness Simulation

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](#).

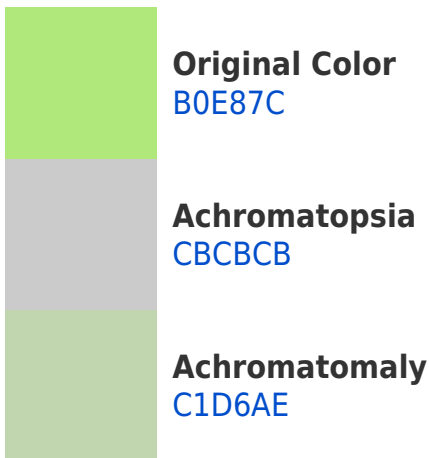
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0E87C 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 #B0E87C looks like.

```
.text, #text, p{  
    color:#B0E87C  
}
```

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 #B0E87C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E87C
}
```

Border

The CSS property to change the border of an element to Hex B0E87C 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
#B0E87C }
```

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

```
.border{ border-color:#B0E87C }
```

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

Here you see how a box with a 4 pixel #B0E87C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E87C; -webkit-box-shadow:4px 4px  
4px 4px #B0E87C; box-shadow:4px 4px 4px  
4px #B0E87C }
```

Background

The CSS property to change the background color of an element to Hex B0E87C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E87C }
```

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

```
.background{ background-color:#B0E87C }
```

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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