

# Converting Colors

Hex(B0E482)

Have a look what the booklet for  
Hex(B0E482) contains.

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**Color**

**Hex(B0E482)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0E482
RGB	176, 228, 130
RGB Percent	69%, 89%, 51%
CMY	0.3098, 0.1059, 0.4902
CMYK	0.23, 0.00, 0.43, 0.11
HSL	92°, 64%, 70%
HSV	92°, 43%, 89%
XYZ	49.6772, 66.3286, 31.3035
YIQ	201.2800, 0.4660, -41.5020

# Conversions

## Conversions Part 2

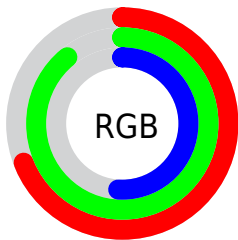
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 228, 182
Decimal	11592834
CIELab	85.16, -33.29, 42.42
CIElCh	85, 53.925, 128.127
Yxy	66.3286, 0.3372, 0.4503
Android (android.graphics.Color)	4289782914 (0xFFB0E482)
YUV	201.2800, -35.1410, -22.1706
Hunter-Lab	81.4424, -33.6451, 34.2207

# Details

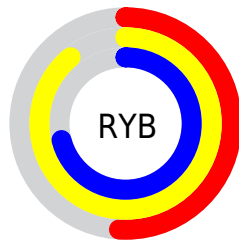
The Hex color **B0E482** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B682E4**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E9FFB8**, and **79AC4E** is the 20% darker color. If you saturate the color by 10%, you get **A4E46B**, and if you desaturate by 10%, it is **BCE499**.

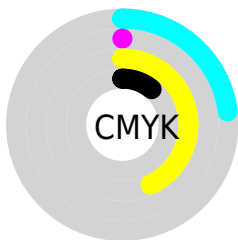
# Distribution



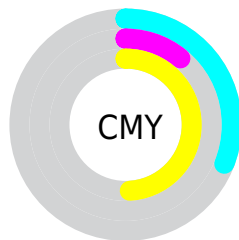
- Red (69%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0E482 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 B0E482 by changing the saturation by 10% instead.



 B0E482

 B0E482

FFFFFF

 94C868

 E9FFB8

 79AC4E

 FFFFD4

 5F9235

 FFFFF1

 45781C

 2A5E00

 0F4600

 002F00

 001B00

 000000

 B0E482

 B0E482

 A4E46B

 BCE499

 98E454

 C8E4B0

 8CE43E

 D4E4C6

 80E427

 E0E4DD

 74E410

 ECE4F4

 6BE400

 F9E4FF

 FFE4FF

# Harmonies

## Analogous

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



E7D66D



B0E482



6BECAD

# Triad

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



B0E482



00E4FF



FFABC9

# Complementary

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



B0E482



B682E4

# Split Complementary

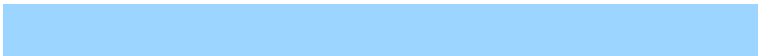
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB1FC



B0E482



9CD5FF

# Square

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



B0E482



00EDFF



ECC2FF



FFB398

# Rectangle

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



B0E482



13EFD0



ECC2FF



FFABDA

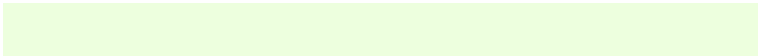


# Sweetspot

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



B0E482



EDFFDE



E4B582



75806B



000000



808080

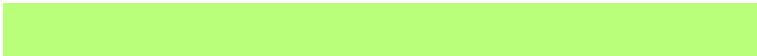


# Same Dimension

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



B0E482



B9FF7A



82E484



6D7367



54B300



183300



# Inverse Universe

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



B682E4



C17AFF



E482E2



6D6773



5F00B3



1B0033



# Previews

## White Background



This preview shows how the Hex color B0E482 looks on a white background.

## Color Contrast Check

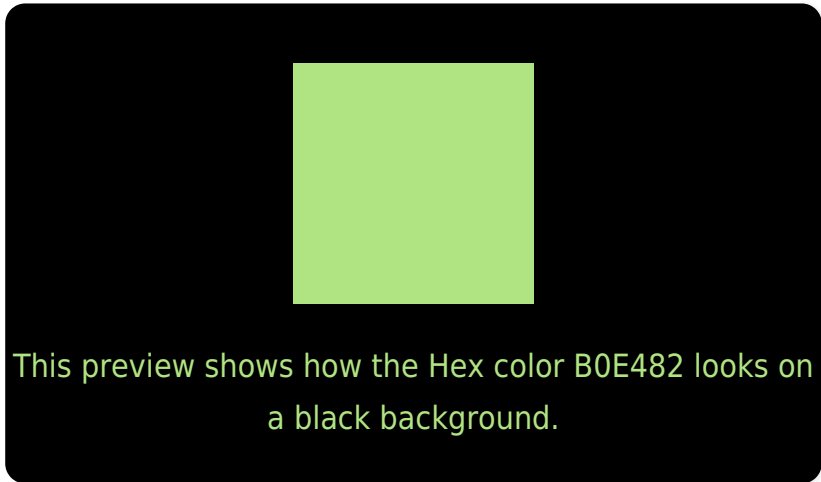
Large Text (above 18pt) WCAG AA × Fail

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 B0E482 Background



This preview shows how black text looks on a background with the Hex color B0E482.

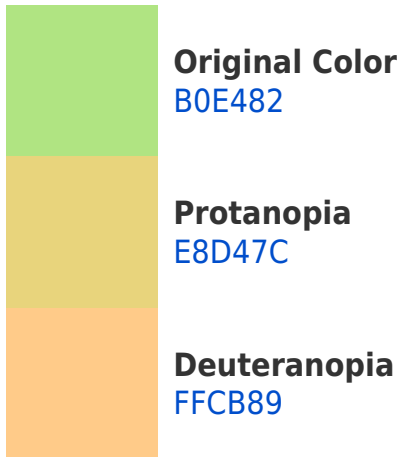


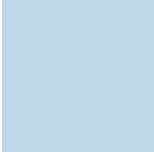
This preview shows how white text looks on a background with the Hex color B0E482.

# 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](#).

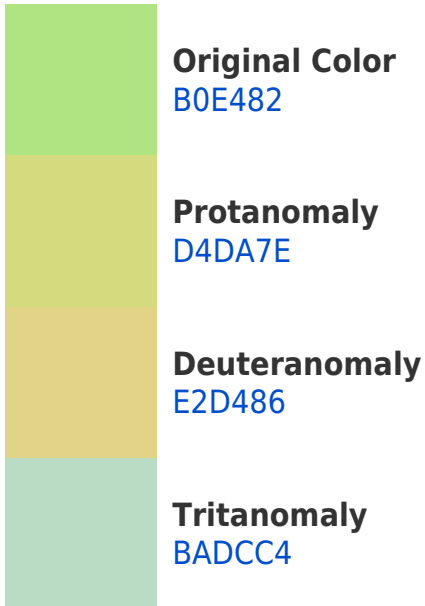
## Dichromacy



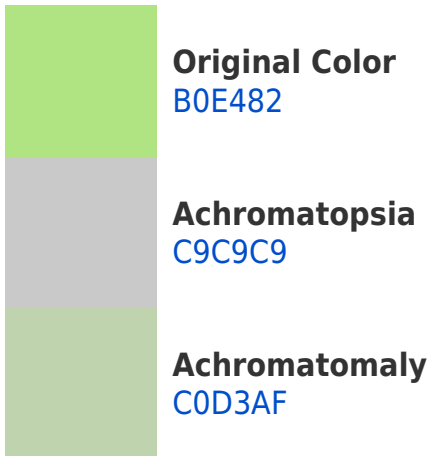


**Tritanopia**  
BFD8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0E482 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 #B0E482 looks like.

```
.text, #text, p{  
    color:#B0E482  
}
```

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 #B0E482 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E482
}
```

## Border

The CSS property to change the border of an element to Hex B0E482 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
#B0E482 }
```

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

```
.border{ border-color:#B0E482 }
```

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

Here you see how a box with a 4 pixel #B0E482 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E482; -webkit-box-shadow:4px 4px  
4px 4px #B0E482; box-shadow:4px 4px 4px  
4px #B0E482 }
```

# Background

The CSS property to change the background color of an element to Hex B0E482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E482 }
```

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

```
.background{ background-color:#B0E482 }
```

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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