

# Converting Colors

Hex(B3C07E)

Have a look what the booklet for  
Hex(B3C07E) contains.

|  |    |
|--|----|
| <b>Hex(B3C07E)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(B3C07E)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B3C07E                      |
| RGB         | 179, 192, 126               |
| RGB Percent | 70%, 75%, 49%               |
| CMY         | 0.2980, 0.2471, 0.5059      |
| CMYK        | 0.07, 0.00, 0.34, 0.25      |
| HSL         | 72°, 34%, 62%               |
| HSV         | 72°, 34%, 75%               |
| XYZ         | 41.2059, 48.7893, 26.9842   |
| YIQ         | 180.5890, 13.4380, -23.2820 |

# Conversions

## Conversions Part 2

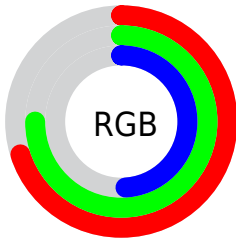
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 126, 192, 139                  |
| Decimal                             | 11780222                       |
| CIELab                              | 75.32, -15.20, 31.82           |
| CIELCh                              | 75, 35.266, 115.529            |
| Yxy                                 | 48.7893, 0.3522,<br>0.4171     |
| Android<br>(android.graphics.Color) | 4289970302<br>(0xFFB3C07E)     |
| YUV                                 | 180.5890, -26.9124,<br>-1.3936 |
| Hunter-Lab                          | 69.8494, -16.9346,<br>25.9897  |

# Details

The Hex color **B3C07E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8B7EC0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **EBF8B3**, and **7D8B4C** is the 20% darker color. If you saturate the color by 10%, you get **AFC06B**, and if you desaturate by 10%, it is **B7C091**.

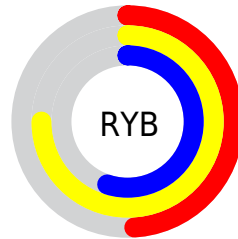
# Distribution



Red (70%)

Green (75%)

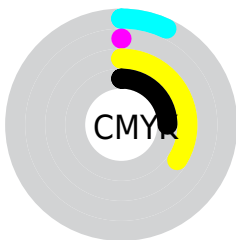
Blue (49%)



Red (49%)

Yellow (75%)

Blue (55%)

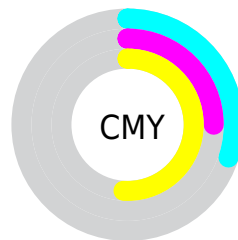


Cyan (7%)

Magenta (0%)

Yellow (34%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3C07E 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 B3C07E by changing the saturation by 10% instead.



 B3C07E

 B3C07E

FFFFFF

 98A565

 EBF8B3

 7D8B4C

 FFFFCF

 647134

 FFFFEC

 4B591D

 334104

 1D2B00

 001800

 000000

 B3C07E

 B3C07E

 AFC06B

 B7C091

 ABC058

 BBC0A4

 A8C044

 BEC0B8

 A4C031

 C2C0CB

 A0C01E

 C6C0DE

 9CC00B

 CAC0F1

 9AC000

 CDC0FF

 D1C0FF

 D5C0FF

# Harmonies

## Analogous

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



D4B679



B3C07E



8DC794

# Triad

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



B3C07E



57C6EE



F5A1C0

# Complementary

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



B3C07E



8B7EC0

# 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.



DEA8DF



B3C07E



86BEFA

# Square

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



B3C07E



4ACBD4



B7B3F4



FAA39F

# Rectangle

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



B3C07E



73CAA8



B7B3F4



EFA3CB

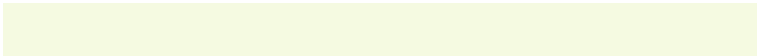


# Sweetspot

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



B3C07E



F5FAE1



C08A7E



7A7D6E



FCFCFC



7D7D7D



# Same Dimension

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



B3C07E



E6FA93



93C07E



5F6157



81A100



1B2100



# Inverse Universe

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



8B7EC0



A893FA



AB7EC0



595761



2000A1



070021



# Previews

## White Background



This preview shows how the Hex color B3C07E looks on a white background.

## Color Contrast Check

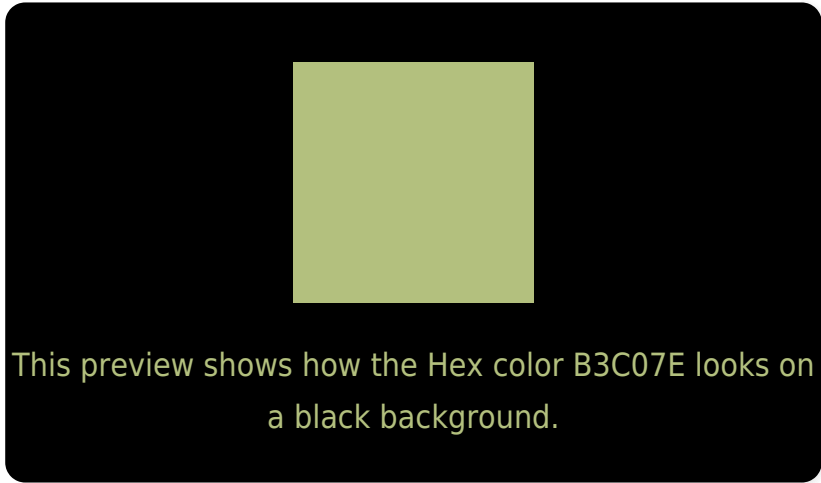
Large Text (above 18pt) WCAG AA × Fail

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

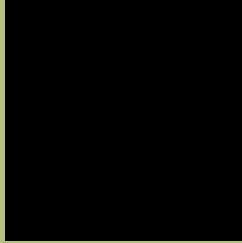
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3C07E Background



This preview shows how black text looks on a background with the Hex color B3C07E.

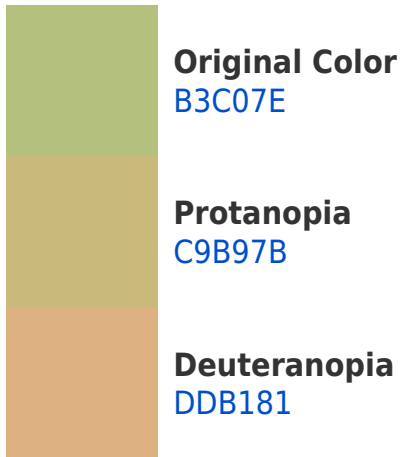


This preview shows how white text looks on a background with the Hex color B3C07E.

# 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



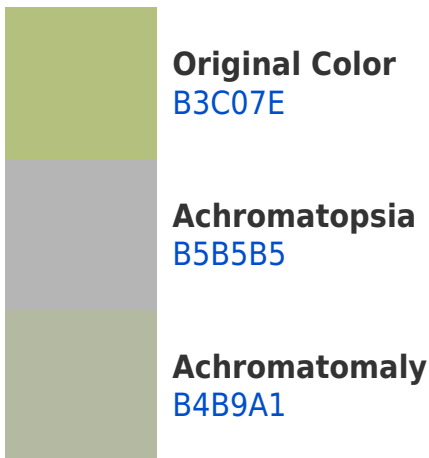


**Tritanopia**  
BCB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3C07E 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 #B3C07E looks like.

```
.text, #text, p{  
    color:#B3C07E  
}
```

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 #B3C07E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C07E
}
```

## Border

The CSS property to change the border of an element to Hex B3C07E 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
#B3C07E }
```

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

```
.border{ border-color:#B3C07E }
```

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

Here you see how a box with a 4 pixel #B3C07E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C07E; -webkit-box-shadow:4px 4px  
4px 4px #B3C07E; box-shadow:4px 4px 4px  
4px #B3C07E }
```

# Background

The CSS property to change the background color of an element to Hex B3C07E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C07E }
```

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

```
.background{ background-color:#B3C07E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor