

Converting Colors

Hex(B0C17E)

Have a look what the booklet for
Hex(B0C17E) contains.

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Color

Hex(B0C17E)

Conversions

Conversions Part 1

Format	Color
Hex	B0C17E
RGB	176, 193, 126
RGB Percent	69%, 76%, 49%
CMY	0.3098, 0.2431, 0.5059
CMYK	0.09, 0.00, 0.35, 0.24
HSL	75°, 35%, 63%
HSV	75°, 35%, 76%
XYZ	40.7404, 48.8764, 27.0255
YIQ	180.2790, 11.3750, -24.4410

Conversions

Conversions Part 2

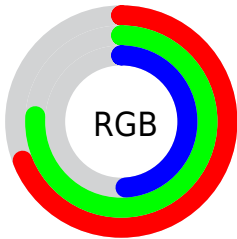
Format	Color
RYB	126, 193, 143
Decimal	11583870
CIELab	75.37, -16.86, 31.85
CIElCh	75, 36.040, 117.898
Yxy	48.8764, 0.3493, 0.4190
Android (android.graphics.Color)	4289773950 (0xFFB0C17E)
YUV	180.2790, -26.7595, -3.7527
Hunter-Lab	69.9117, -18.3262, 26.0186

Details

The Hex color **B0C17E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8F7EC1**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E8F9B3**, and **7A8B4C** is the 20% darker color. If you saturate the color by 10%, you get **ABC16B**, and if you desaturate by 10%, it is **B5C191**.

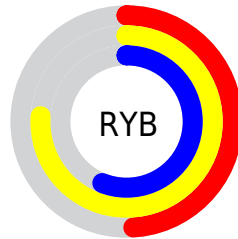
Distribution



Red (69%)

Green (76%)

Blue (49%)



Red (49%)

Yellow (76%)

Blue (56%)

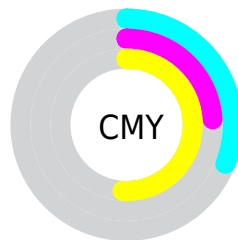


Cyan (9%)

Magenta (0%)

Yellow (35%)

Black (24%)



Cyan (31%)

Magenta (24%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0C17E 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 B0C17E by changing the saturation by 10% instead.

 B0C17E

 B0C17E


FFFFFF

 95A665

 E8F9B3

 7A8B4C

 FFFFCF

 617234

 FFFFEC

 48591D

 304204

 1A2C00

 001900

 000000

 B0C17E

 B0C17E

 ABC16B

 B5C191

 A6C157

 BAC1A5

 A1C144

 BFC1B8

 9CC131

 C4C1CB

 98C11E

 C8C1DF

 93C10A

 CDC1F2

 90C100

 D2C1FF

 D7C1FF

 DCC1FF

Harmonies

Analogous

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



D2B777



B0C17E



89C895

Triad

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



B0C17E



56C6F1



F7A1BD

Complementary

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



B0C17E



8F7EC1

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.



E2A7DD



B0C17E



88BEFC

Square

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



B0C17E



44CBD8



BBB2F4



FBA39C

Rectangle

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



B0C17E



6ECBAB



BBB2F4



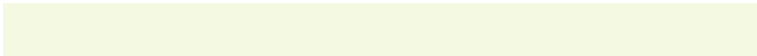
F2A2C9

Sweetspot

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



B0C17E



F4FAE1



C18F7E



797D6E



FCFCFC



7D7D7D

Same Dimension

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



B0C17E



DFFA91



8FC17E



5E6157



78A100



192100

Inverse Universe

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



8F7EC1



AC91FA



B07EC1



5A5761



2900A1



080021

Previews

White Background



This preview shows how the Hex color B0C17E looks on a white background.

Color Contrast Check

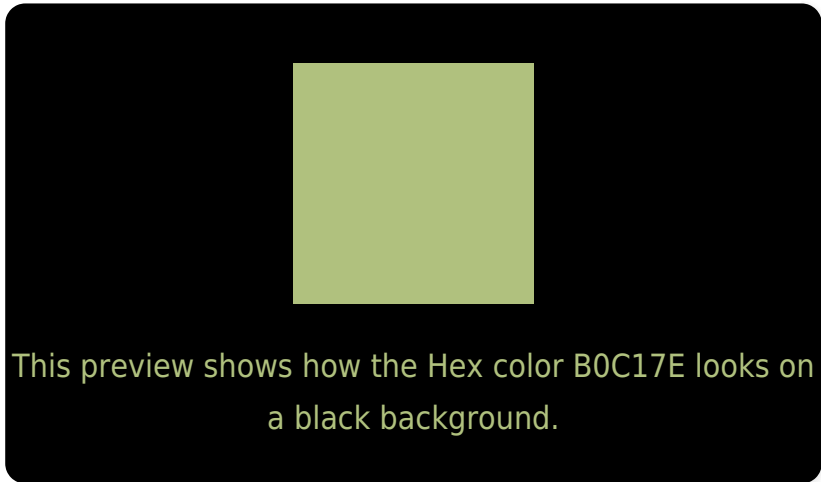
Large Text (above 18pt) WCAG AA × Fail

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

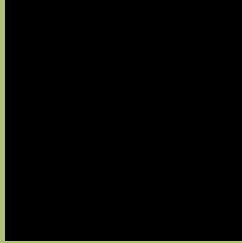
Any Text WCAG AA ✓ Pass

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 B0C17E Background



This preview shows how black text looks on a background with the Hex color B0C17E.

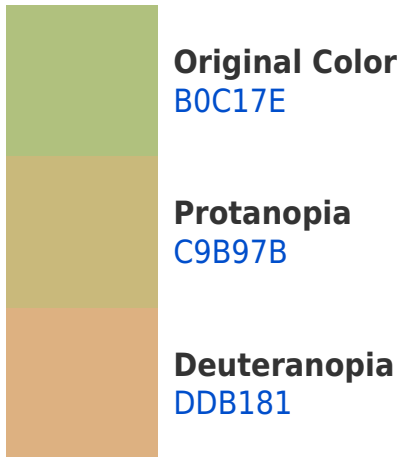


This preview shows how white text looks on a background with the Hex color B0C17E.

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](#).

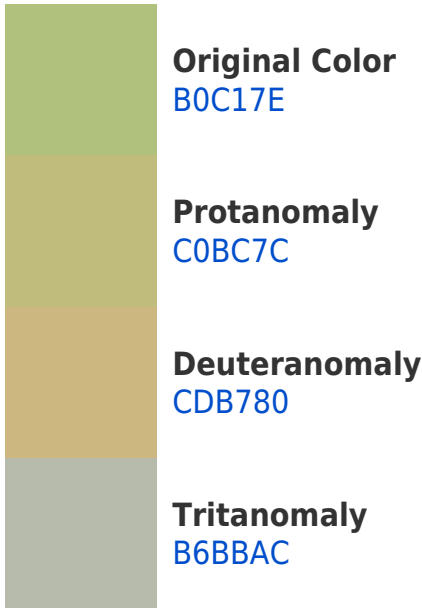
Dichromacy



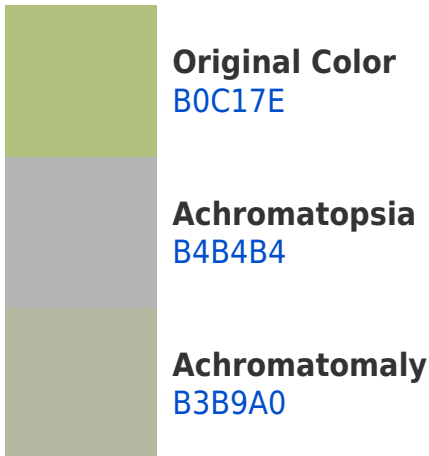


Tritanopia
BAB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0C17E 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 #B0C17E looks like.

```
.text, #text, p{  
    color:#B0C17E  
}
```

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 #B0C17E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C17E
}
```

Border

The CSS property to change the border of an element to Hex B0C17E 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
#B0C17E }
```

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

```
.border{ border-color:#B0C17E }
```

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

Here you see how a box with a 4 pixel #B0C17E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C17E; -webkit-box-shadow:4px 4px  
4px 4px #B0C17E; box-shadow:4px 4px 4px  
4px #B0C17E }
```

Background

The CSS property to change the background color of an element to Hex B0C17E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C17E }
```

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

```
.background{ background-color:#B0C17E }
```

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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