

Converting Colors

Hex(B0C172)

Have a look what the booklet for
Hex(B0C172) contains.

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Color

Hex(B0C172)

Conversions

Conversions Part 1

Format	Color
Hex	B0C172
RGB	176, 193, 114
RGB Percent	69%, 76%, 45%
CMY	0.3098, 0.2431, 0.5529
CMYK	0.09, 0.00, 0.41, 0.24
HSL	73°, 39%, 60%
HSV	73°, 41%, 76%
XYZ	40.0117, 48.5849, 23.1886
YIQ	178.9110, 15.2270, -28.1730

Conversions

Conversions Part 2

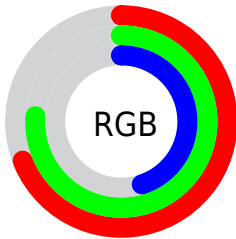
Format	Color
RYB	114, 193, 131
Decimal	11583858
CIELab	75.19, -18.34, 37.79
CIELCh	75, 42.007, 115.886
Yxy	48.5849, 0.3579, 0.4346
Android (android.graphics.Color)	4289773938 (0xFFB0C172)
YUV	178.9110, -32.0011, -2.5529
Hunter-Lab	69.7029, -19.5153, 29.0676

Details

The Hex color **B0C172** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8372C1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E9F9A7**, and **7A8B40** is the 20% darker color. If you saturate the color by 10%, you get **ACC15F**, and if you desaturate by 10%, it is **B4C185**.

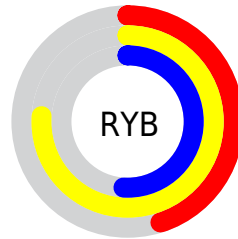
Distribution



Red (69%)

Green (76%)

Blue (45%)



Red (45%)

Yellow (76%)

Blue (51%)

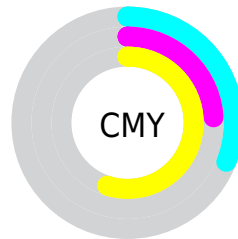


Cyan (9%)

Magenta (0%)

Yellow (41%)

Black (24%)



Cyan (31%)

Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0C172 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 B0C172 by changing the saturation by 10% instead.



B0C172



B0C172

FFFFFF



95A659



E9F9A7



7A8B40



FFFFC3



607228



FFFFDF



47590E



FFFFFC



2F4200



172C00



001900



000000



B0C172



B0C172

 ACC15F

 B4C185

 A8C14B

 B8C199

 A4C138


 BCC1AC

 9FC125

 C1C1BF

 9BC112

 C5C1D3

 97C100

 C9C1E6

 CDC1F9

 D1C1FF

 D5C1FF

Harmonies

Analogous

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



D7B56B



B0C172



82C98C

Triad

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



B0C172



22C8F8



FF9BC0

Complementary

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



B0C172



8372C1

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.



E5A3E5



B0C172



76BFFF

Square

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



B0C172



00CDDA



B6B1FF



FF9D99

Rectangle

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



B0C172



5FCCA5



B6B1FF



F99DCD

Sweetspot

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



B0C172



F3FADC



C18272



797D6B



FCFCFC



7D7D7D

Same Dimension

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



B0C172



E0FA7F



8AC172



5F6157



7EA100



1A2100

Inverse Universe

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



8372C1



9A7FFA



A972C1



595761



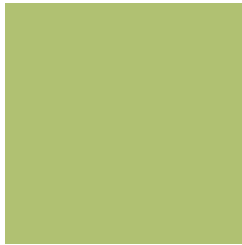
2300A1



070021

Previews

White Background



This preview shows how the Hex color B0C172 looks on a white background.

Color Contrast Check

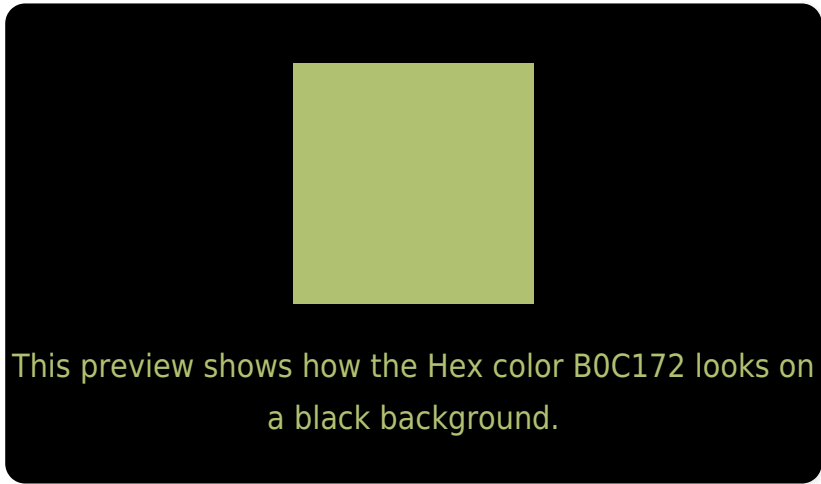
Large Text (above 18pt) WCAG AA × Fail

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

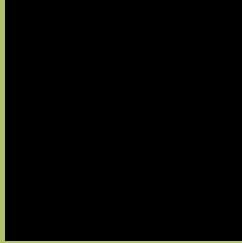
Any Text WCAG AA ✓ Pass

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 B0C172 Background



This preview shows how black text looks on a background with the Hex color B0C172.

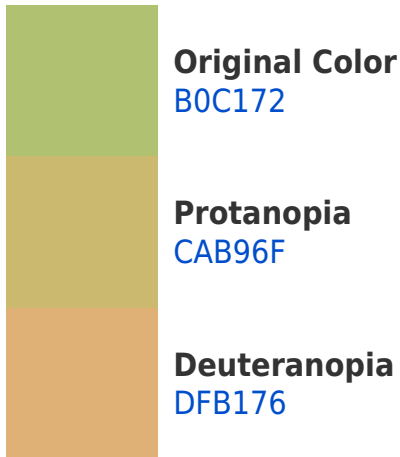


This preview shows how white text looks on a background with the Hex color B0C172.

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](#).

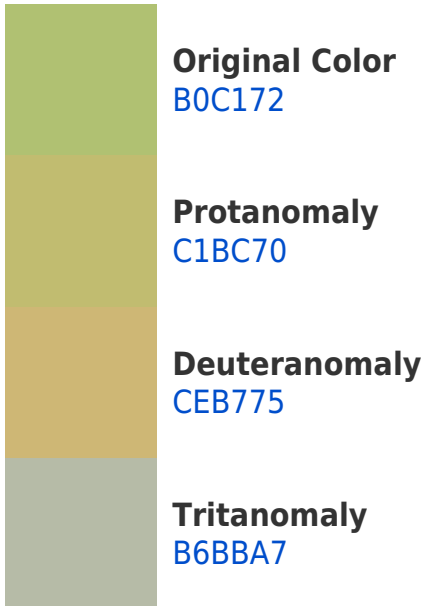
Dichromacy



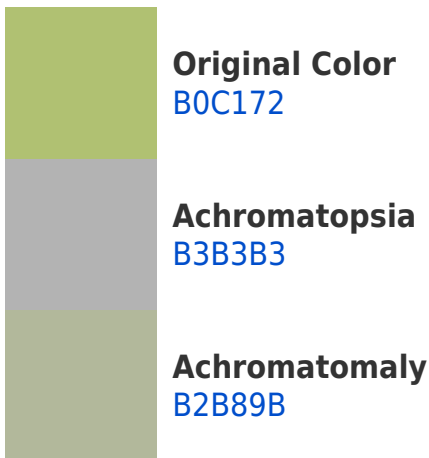


Tritanopia
BAB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0C172 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 #B0C172 looks like.

```
.text, #text, p{  
    color:#B0C172  
}
```

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 #B0C172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C172
}
```

Border

The CSS property to change the border of an element to Hex B0C172 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
#B0C172 }
```

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

```
.border{ border-color:#B0C172 }
```

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

Here you see how a box with a 4 pixel #B0C172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C172; -webkit-box-shadow:4px 4px  
4px 4px #B0C172; box-shadow:4px 4px 4px  
4px #B0C172 }
```

Background

The CSS property to change the background color of an element to Hex B0C172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C172 }
```

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

```
.background{ background-color:#B0C172 }
```

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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