

Converting Colors

Hex(B0BF5A)

Have a look what the booklet for
Hex(B0BF5A) contains.

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Color

Hex(B0BF5A)

Conversions

Conversions Part 1

Format	Color
Hex	B0BF5A
RGB	176, 191, 90
RGB Percent	69%, 75%, 35%
CMY	0.3098, 0.2510, 0.6471
CMYK	0.08, 0.00, 0.53, 0.25
HSL	69°, 44%, 55%
HSV	69°, 53%, 75%
XYZ	38.3808, 47.2299, 16.7663
YIQ	175.0010, 23.4810, -34.5910

Conversions

Conversions Part 2

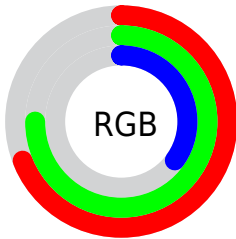
Format	Color
RYB	90, 191, 105
Decimal	11583322
CIELab	74.34, -19.81, 48.55
CIELCh	74, 52.441, 112.199
Yxy	47.2299, 0.3749, 0.4613
Android (android.graphics.Color)	4289773402 (0xFFB0BF5A)
YUV	175.0010, -41.9055, 0.8761
Hunter-Lab	68.7240, -20.5789, 33.6421

Details

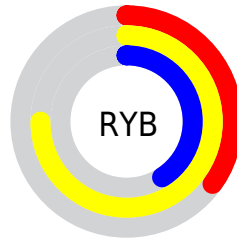
The Hex color **B0BF5A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **695ABF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E9F78F**, and **798A26** is the 20% darker color. If you saturate the color by 10%, you get **ADBF47**, and if you desaturate by 10%, it is **B3BF6D**.

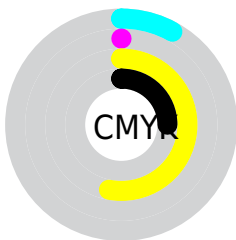
Distribution



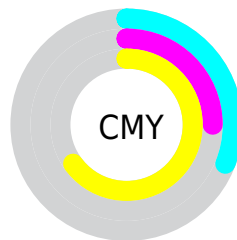
- Red (69%)
- Green (75%)
- Blue (35%)



- Red (35%)
- Yellow (75%)
- Blue (41%)



- Cyan (8%)
- Magenta (0%)
- Yellow (53%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0BF5A 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 B0BF5A by changing the saturation by 10% instead.

 B0BF5A

 B0BF5A

FFFFFF

 94A440

 E9F78F

 798A26

 FFFFAA

 5F7006

 FFFFC6

 455800

 FFFFEE3

 2C4000

 122A00

 001800

 000000

 B0BF5A

 B0BF5A

 ADBF47

 B3BF6D

 AABF34

 B6BF80

 A7BF21

 B9BF93

 A5BF0E

 BBBFA6

 A3BF00

 BEBFBA

 C1BFCD

 C4BFEO

 C7BFF3

 CABFFF

Harmonies

Analogous

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



DEB055



B0BF5A



77C97A

Triad

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



B0BF5A



00CAFF



FF90C6

Complementary

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



B0BF5A



695ABF

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.



E69CF2



B0BF5A



3AC0FF

Square

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



B0BF5A



00CFDA



A6AFFF



FF9195

Rectangle

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



B0BF5A



41CD98



A6AFFF



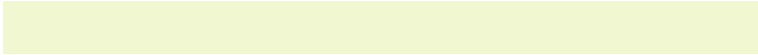
FF93D5

Sweetspot

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



B0BF5A



F1F7D0



BF675A



797D65



FCFCFC



7D7D7D

Same Dimension

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



B0BF5A



E0F75C



7FBF5A



5D5E55



879E00



1A1F00

Inverse Universe

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



695ABF



735CF7



9A5ABF



56555E



17009E



05001F

Previews

White Background



This preview shows how the Hex color B0BF5A looks on a white background.

Color Contrast Check

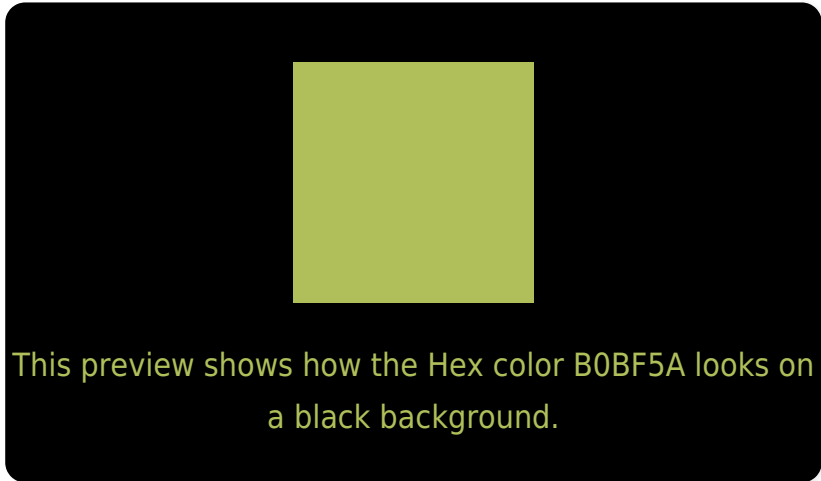
Large Text (above 18pt) WCAG AA × Fail

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

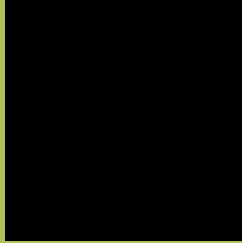
Any Text WCAG AA ✓ Pass

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 B0BF5A Background



This preview shows how black text looks on a background with the Hex color B0BF5A.

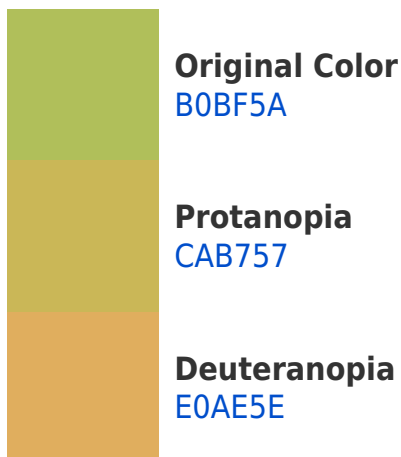


This preview shows how white text looks on a background with the Hex color B0BF5A.

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](#).

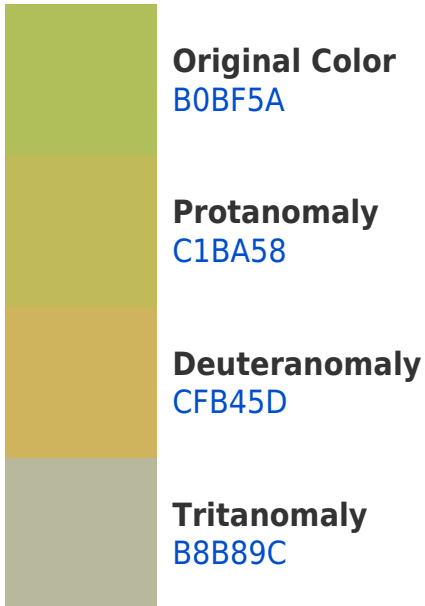
Dichromacy



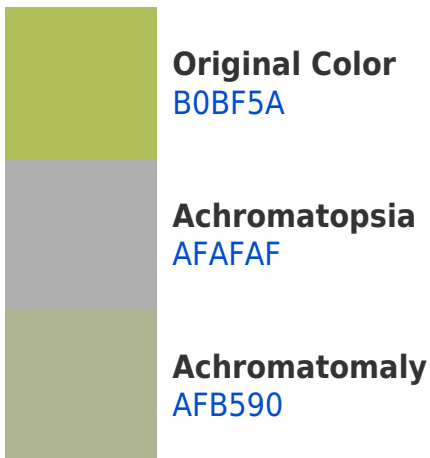


Tritanopia
BCB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0BF5A 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 #B0BF5A looks like.

```
.text, #text, p{  
    color:#B0BF5A  
}
```

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 #B0BF5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BF5A
}
```

Border

The CSS property to change the border of an element to Hex B0BF5A 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
#B0BF5A }
```

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

```
.border{ border-color:#B0BF5A }
```

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

Here you see how a box with a 4 pixel #B0BF5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BF5A; -webkit-box-shadow:4px 4px  
4px 4px #B0BF5A; box-shadow:4px 4px 4px  
4px #B0BF5A }
```

Background

The CSS property to change the background color of an element to Hex B0BF5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BF5A }
```

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

```
.background{ background-color:#B0BF5A }
```

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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