

Converting Colors

Hex(B0CD32)

Have a look what the booklet for
Hex(B0CD32) contains.

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Color

Hex(**B0CD32**)

Conversions

Conversions Part 1

Format	Color
Hex	B0CD32
RGB	176, 205, 50
RGB Percent	69%, 80%, 20%
CMY	0.3098, 0.1961, 0.8039
CMYK	0.14, 0.00, 0.76, 0.20
HSL	71°, 61%, 50%
HSV	71°, 76%, 80%
XYZ	40.3115, 53.1230, 11.1467
YIQ	178.6590, 32.4710, -54.3530

Conversions

Conversions Part 2

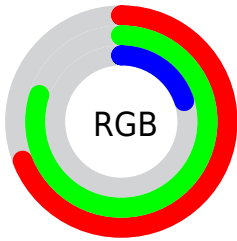
Format	Color
RYB	50, 205, 79
Decimal	11586866
CIELab	77.95, -29.28, 68.42
CIELCh	78, 74.421, 113.170
Yxy	53.1230, 0.3855, 0.5080
Android (android.graphics.Color)	4289776946 (0xFFB0CD32)
YUV	178.6590, -63.4289, -2.3319
Hunter-Lab	72.8856, -28.8249, 41.9524

Details

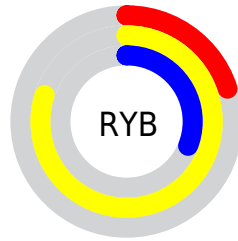
The Hex color **B0CD32** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4F32CD**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **EBFF6C**, and **779700** is the 20% darker color. If you saturate the color by 10%, you get **ACCD1E**, and if you desaturate by 10%, it is **B4CD46**.

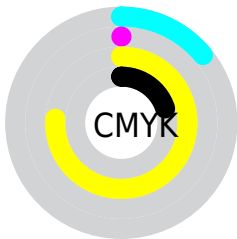
Distribution



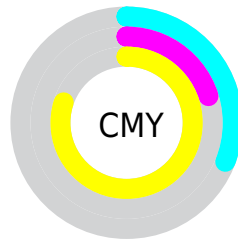
- Red (69%)
- Green (80%)
- Blue (20%)



- Red (20%)
- Yellow (80%)
- Blue (31%)



- Cyan (14%)
- Magenta (0%)
- Yellow (76%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0CD32 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 B0CD32 by changing the saturation by 10% instead.



B0CD32



B0CD32

FFFFFF



93B207



EBFF6C



779700



FFFF88



5C7D00



FFFFA4



416400



FFFFC1



244C00



FFFFDE



033500

FFFFFC



002100



000000



B0CD32



B0CD32

■ ACCD1E

■ B4CD46

■ A8CD09

■ B8CD5B

■ A7CD00

■ BCCD70

■ BFCD84

■ C3CD99

■ C7CDAD

■ CBCDC2

■ CFCDD6

■ D3CDEB

Harmonies

Analogous

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



F1B827



B0CD32



54DA69

Triad

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



B0CD32



00DCFF



FF80D4

Complementary

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



B0CD32



4F32CD

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.



FF97FF



B0CD32



00CDFF

Square

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



B0CD32



00E1F5



A4B5FF



FF838F

Rectangle

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



B0CD32



00DF96



A4B5FF



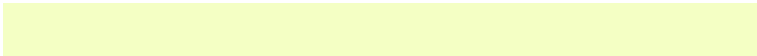
FF85EA

Sweetspot

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



B0CD32



F4FFC4



CD4E32



79805C



000000



808080

Same Dimension

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



B0CD32



D4FF17



63CD32



64665C



87A600



1F2600

Inverse Universe

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



4F32CD



4217FF



9C32CD



5E5C66



1F00A6



070026

Previews

White Background



This preview shows how the Hex color B0CD32 looks on a white background.

Color Contrast Check

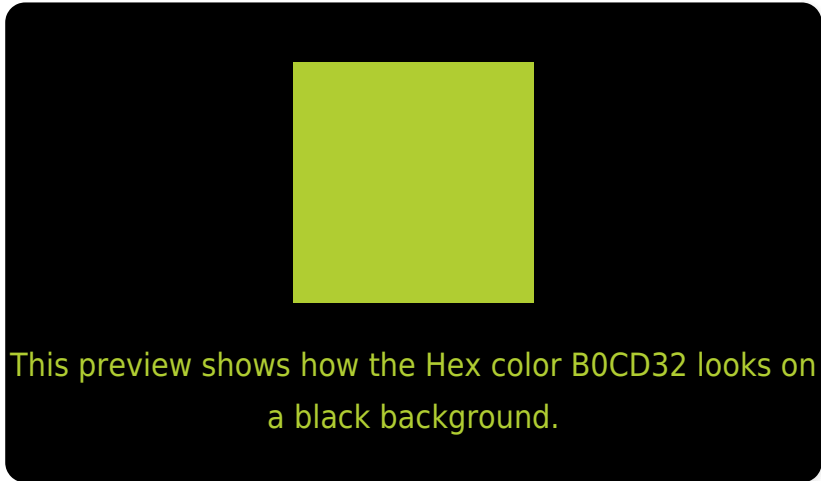
Large Text (above 18pt) WCAG AA × Fail

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 B0CD32 Background



This preview shows how black text looks on a background with the Hex color B0CD32.

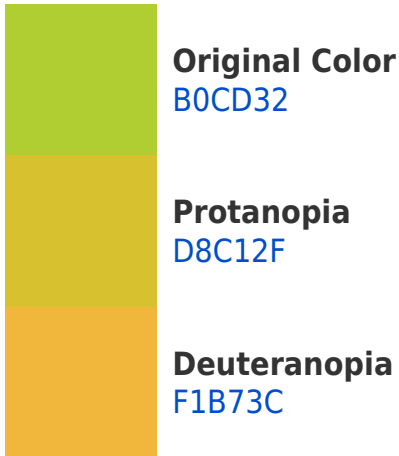


This preview shows how white text looks on a background with the Hex color B0CD32.

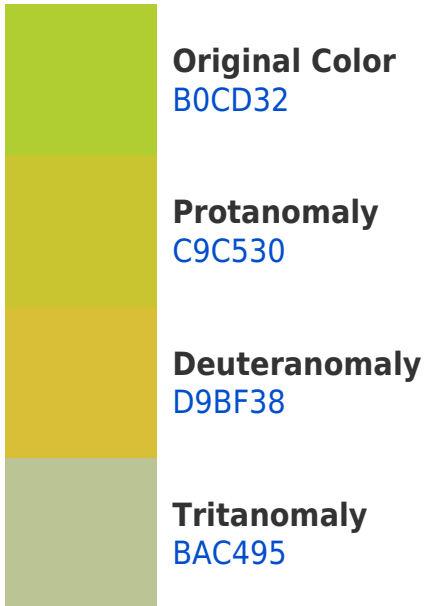
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0CD32 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 #B0CD32 looks like.

```
.text, #text, p{  
    color:#B0CD32  
}
```

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 #B0CD32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CD32
}
```

Border

The CSS property to change the border of an element to Hex B0CD32 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
#B0CD32 }
```

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

```
.border{ border-color:#B0CD32 }
```

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

Here you see how a box with a 4 pixel #B0CD32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CD32; -webkit-box-shadow:4px 4px  
4px 4px #B0CD32; box-shadow:4px 4px 4px  
4px #B0CD32 }
```

Background

The CSS property to change the background color of an element to Hex B0CD32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CD32 }
```

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

```
.background{ background-color:#B0CD32 }
```

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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