

Converting Colors

Hex(B0CA1D)

Have a look what the booklet for
Hex(B0CA1D) contains.

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Color

Hex(**B0CA1D**)

Conversions

Conversions Part 1

Format	Color
Hex	B0CA1D
RGB	176, 202, 29
RGB Percent	69%, 79%, 11%
CMY	0.3098, 0.2078, 0.8863
CMYK	0.13, 0.00, 0.86, 0.21
HSL	69°, 75%, 45%
HSV	69°, 86%, 79%
XYZ	39.2468, 51.5599, 9.0459
YIQ	174.5040, 40.0370, -59.3150

Conversions

Conversions Part 2

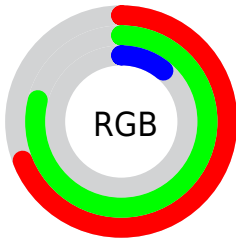
Format	Color
R_{YB}	29, 202, 55
Decimal	11586077
CIE _{Lab}	77.02, -28.61, 73.10
CIE _{LCh}	77, 78.503, 111.371
Yxy	51.5599, 0.3930, 0.5164
Android (android.graphics.Color)	4289776157 (0xFFB0CA1D)
YUV	174.5040, -71.7335, 1.3120
Hunter-Lab	71.8052, -28.0958, 42.7944

Details

The Hex color **B0CA1D** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **371DCA**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **EBFF5E**, and **779400** is the 20% darker color. If you saturate the color by 10%, you get **ADCA09**, and if you desaturate by 10%, it is **B3CA31**.

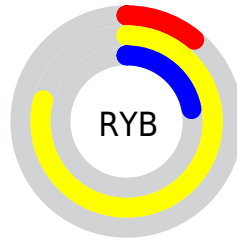
Distribution



Red (69%)

Green (79%)

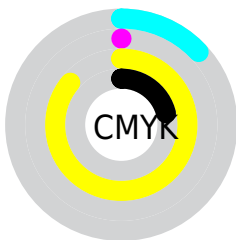
Blue (11%)



Red (11%)

Yellow (79%)

Blue (22%)

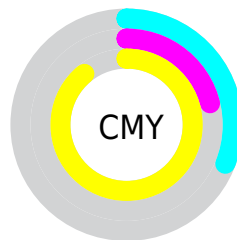


Cyan (13%)

Magenta (0%)

Yellow (86%)

Black (21%)



Cyan (31%)

Magenta (21%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0CA1D 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 B0CA1D by changing the saturation by 10% instead.

 B0CA1D

 B0CA1D

FFFFFF

 93AF00

 EBFF5E

 779400

 FFFF7B

 5B7A00

 FFFF97

 3F6100

 FFFFFB4

 234900

 FFFFFD1

 033200

 FFFFFEE

 002000

 000000

 B0CA1D

 B0CA1D

 ADCA09

 B3CA31

 ACCA00

 B6CA45

 B9CA5A

 BCCA6E

 BFCA82

 C2CA96

 C5CAAA

 C8CABF

 CBCAD3

Harmonies

Analogous

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



F4B312



B0CA1D



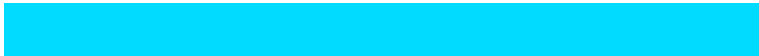
4FD85D

Triad

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



B0CA1D



00DBFF



FF78D6

Complementary

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



B0CA1D



371DCA

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.



FF93FF



B0CA1D



00CDFF

Square

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



B0CA1D



00E0F1



94B4FF



FF7A8E

Rectangle

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



B0CA1D



00DD8D



94B4FF



FF7FEE

Sweetspot

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



B0CA1D



F5FFBD



CA371D



7A8058



000000



808080

Same Dimension

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



B0CA1D



D9FF00



5ACA1D



64665C



8DA600



212600

Inverse Universe

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



371DCA



2600FF



8D1DCA



5D5C66



1900A6



060026

Previews

White Background



This preview shows how the Hex color B0CA1D looks on a white background.

Color Contrast Check

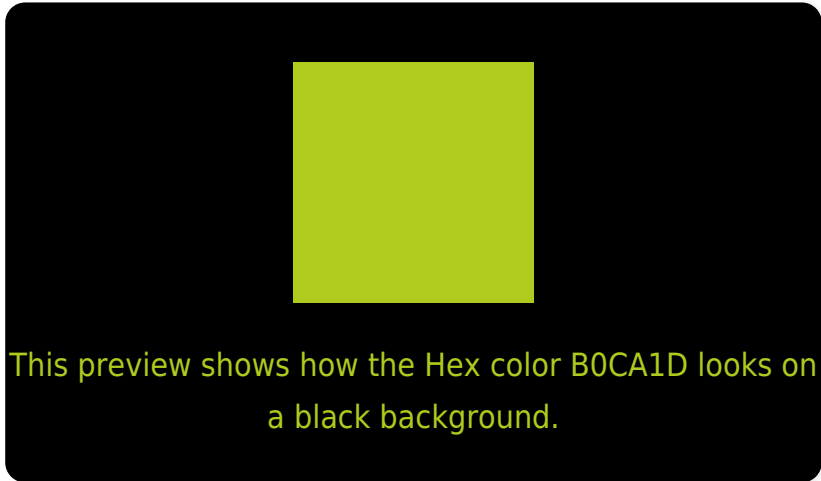
Large Text (above 18pt) WCAG AA × Fail

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 B0CA1D Background



This preview shows how black text looks on a background with the Hex color B0CA1D.

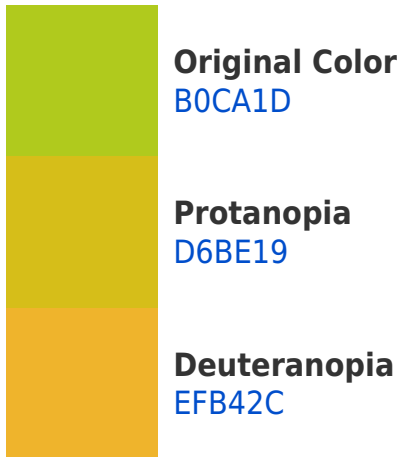


This preview shows how white text looks on a background with the Hex color B0CA1D.

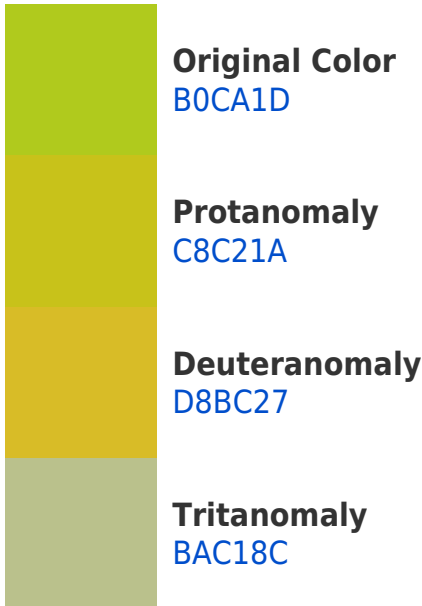
Color Blindness Simulation

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](#).

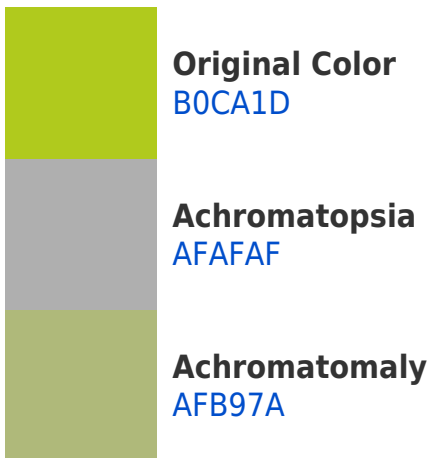
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0CA1D 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 #B0CA1D looks like.

```
.text, #text, p{  
    color:#B0CA1D  
}
```

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 #B0CA1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CA1D
}
```

Border

The CSS property to change the border of an element to Hex B0CA1D 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
#B0CA1D }
```

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

```
.border{ border-color:#B0CA1D }
```

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

Here you see how a box with a 4 pixel #B0CA1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CA1D; -webkit-box-shadow:4px 4px  
4px 4px #B0CA1D; box-shadow:4px 4px 4px  
4px #B0CA1D }
```

Background

The CSS property to change the background color of an element to Hex B0CA1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CA1D }
```

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

```
.background{ background-color:#B0CA1D }
```

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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