

Converting Colors

Hex(B0AC1D)

Have a look what the booklet for
Hex(B0AC1D) contains.

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Color

Hex(B0AC1D)

Conversions

Conversions Part 1

Format	Color
Hex	B0AC1D
RGB	176, 172, 29
RGB Percent	69%, 67%, 11%
CMY	0.3098, 0.3255, 0.8863
CMYK	0.00, 0.02, 0.84, 0.31
HSL	58°, 72%, 40%
HSV	58°, 84%, 69%
XYZ	32.8788, 38.8239, 6.9233
YIQ	156.8940, 48.2870, -43.6250

Conversions

Conversions Part 2

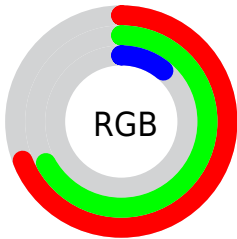
Format	Color
RYB	33, 176, 29
Decimal	11578397
CIELab	68.62, -13.77, 66.08
CIELCh	69, 67.495, 101.768
Yxy	38.8239, 0.4182, 0.4938
Android (android.graphics.Color)	4289768477 (0xFFB0AC1D)
YUV	156.8940, -63.0517, 16.7560
Hunter-Lab	62.3088, -14.8504, 37.0283

Details

The Hex color **B0AC1D** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1D21B0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **EBE359**, and **777800** is the 20% darker color. If you saturate the color by 10%, you get **B0AC0B**, and if you desaturate by 10%, it is **B0AC2F**.

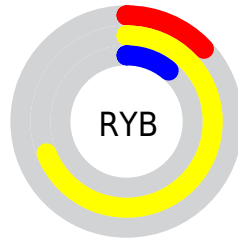
Distribution



Red (69%)

Green (67%)

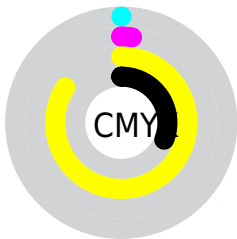
Blue (11%)



Red (13%)

Yellow (69%)

Blue (11%)

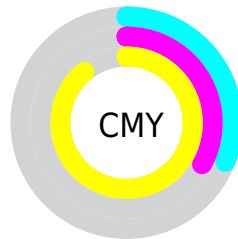


Cyan (0%)

Magenta (2%)

Yellow (84%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0AC1D 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 B0AC1D by changing the saturation by 10% instead.

 B0AC1D

 B0AC1D

FFFFFF

 939200

 EBE359

 777800

 FFFF75

 5C5F00

 FFFF91

 414800

 FFFFAD

 273200

 FFFFC9

 0C1D00

 FFFFEE

 000000

 B0AC1D

 B0AC1D

 B0AC0B

 B0AC2F

 B0AB00

 B0AD40

 B0AD52

 B0AE63

 B0AE75

 B0AF87

 B0AF98

 B0B0AA

 B0B0BB

Harmonies

Analogous

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



E5972B



B0AC1D



6CBA45

Triad

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



B0AC1D



00C2F7



FF74CF

Complementary

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



B0AC1D



1D21B0

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.



C98CFF



B0AC1D



00B8FF

Square

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



B0AC1D



00C4BE



56A6FF



FF6D92

Rectangle

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



B0AC1D



0DC06B



56A6FF



F47BE2

Sweetspot

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



B0AC1D



E6E4AC



B01D22



737250



F2F2F2



737373

Same Dimension

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



B0AC1D



E6DF00



6BB01D



595950



999500



1A1900

Inverse Universe

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



1D21B0



0006E6



621DB0



505159



000499



00011A

Previews

White Background



This preview shows how the Hex color B0AC1D looks on a white background.

Color Contrast Check

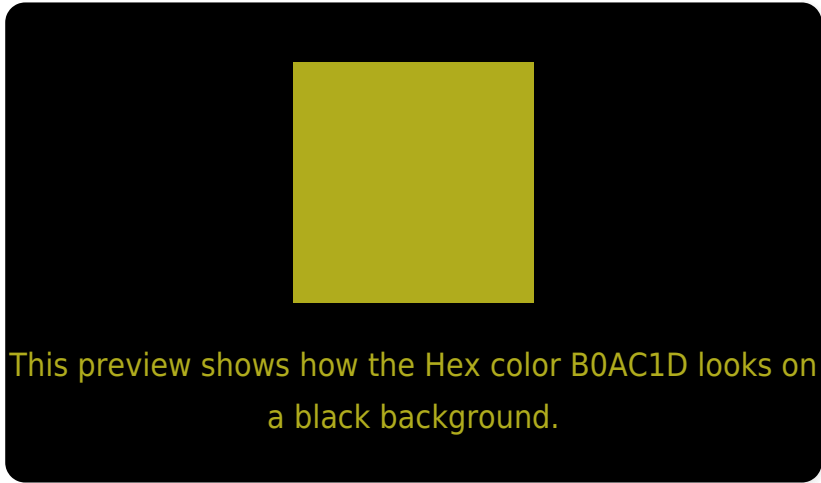
Large Text (above 18pt) WCAG AA × Fail

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 B0AC1D Background



This preview shows how black text looks on a background with the Hex color B0AC1D.



This preview shows how white text looks on a background with the Hex color B0AC1D.

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

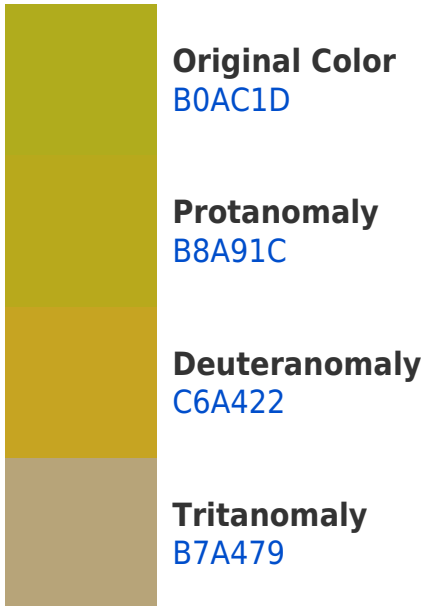


Original Color
B0AC1D

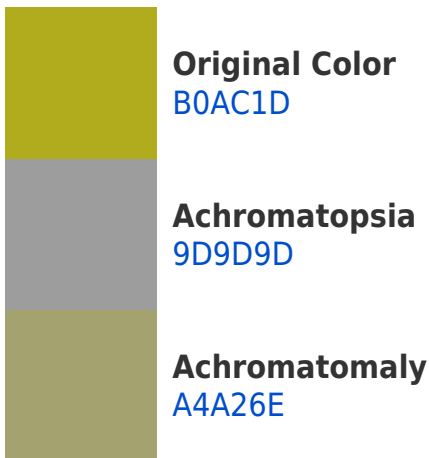
Protanopia
BCA81C

Deuteranopia
D39F25

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0AC1D 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 #B0AC1D looks like.

```
.text, #text, p{  
    color:#B0AC1D  
}
```

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 #B0AC1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0AC1D
}
```

Border

The CSS property to change the border of an element to Hex B0AC1D 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
#B0AC1D }
```

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

```
.border{ border-color:#B0AC1D }
```

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

Here you see how a box with a 4 pixel #B0AC1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0AC1D; -webkit-box-shadow:4px 4px  
4px 4px #B0AC1D; box-shadow:4px 4px 4px  
4px #B0AC1D }
```

Background

The CSS property to change the background color of an element to Hex B0AC1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0AC1D }
```

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

```
.background{ background-color:#B0AC1D }
```

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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