

# Converting Colors

Hex(B0BF1B)

Have a look what the booklet for  
Hex(B0BF1B) contains.

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# Color

Hex(**B0BF1B**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B0BF1B
RGB	176, 191, 27
RGB Percent	69%, 75%, 11%
CMY	0.3098, 0.2510, 0.8941
CMYK	0.08, 0.00, 0.86, 0.25
HSL	65°, 75%, 43%
HSV	65°, 86%, 75%
XYZ	36.7331, 46.5708, 8.0899
YIQ	167.8190, 43.7040, -54.1840

# Conversions

## Conversions Part 2

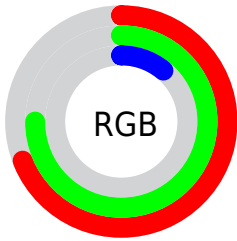
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 191, 42
Decimal	11583259
CIE <sub>Lab</sub>	73.91, -23.36, 70.95
CIE <sub>LCh</sub>	74, 74.692, 108.225
Yxy	46.5708, 0.4019, 0.5096
Android (android.graphics.Color)	4289773339 (0xFFB0BF1B)
YUV	167.8190, -69.4238, 7.1747
Hunter-Lab	68.2428, -23.3436, 40.7414

# Details

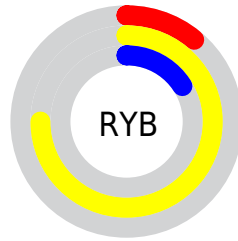
The Hex color **B0BF1B** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **2A1BBF**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **EBF75B**, and **778A00** is the 20% darker color. If you saturate the color by 10%, you get **AEBF08**, and if you desaturate by 10%, it is **B2BF2E**.

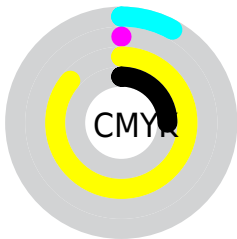
# Distribution



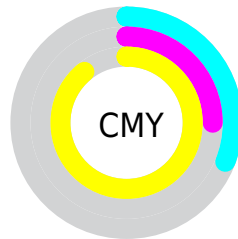
- Red (69%)
- Green (75%)
- Blue (11%)



- Red (11%)
- Yellow (75%)
- Blue (16%)



- Cyan (8%)
- Magenta (0%)
- Yellow (86%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0BF1B 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 B0BF1B by changing the saturation by 10% instead.





B0BF1B



B0BF1B

FFFFFF



93A400



EBF75B



778A00



FFFF77



5C7000



FFFF94



405800



FFFFB0



254100



FFFFCD



092A00



FFFEEA



001600



000000



B0BF1B



B0BF1B

 AEBF08

 B2BF2E

 AEBF00

 B3BF41

 B5BF54

 B7BF67

 B9BF7B

 BABF8E

 BCBFA1

 BEBFB4

 C0BFC7

# Harmonies

## Analogous

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



EEA91C



B0BF1B



5BCD54

# Triad

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



B0BF1B



00D2FF



FF76D4

# Complementary

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



B0BF1B



2A1BBF

# 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.



ED90FF



B0BF1B



00C5FF

# Square

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



B0BF1B



00D6DF



7FAFFF



FF758F

# Rectangle

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



**B0BF1B**



**00D280**



**7FAFFF**



**FF7DEA**



# Sweetspot

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



B0BF1B



F1F7B7



BF291B



797D56



FCFCFC



7D7D7D



# Same Dimension

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



B0BF1B



E1F700



5FBF1B



5D5E55



909E00



1C1F00



# Inverse Universe

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



2A1BBF



1700F7



7B1BBF



56555E



0E009E



03001F



# Previews

## White Background



This preview shows how the Hex color B0BF1B looks on a white background.

## Color Contrast Check

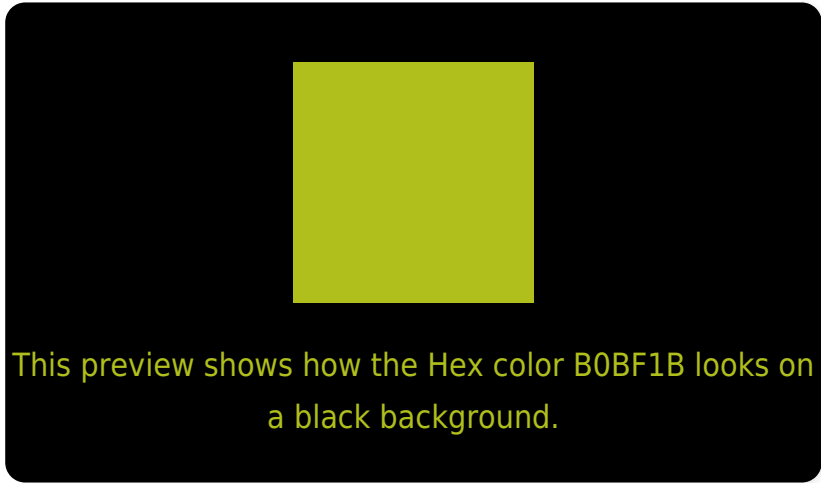
Large Text (above 18pt) WCAG AA × Fail

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 B0BF1B Background



This preview shows how black text looks on a background with the Hex color B0BF1B.

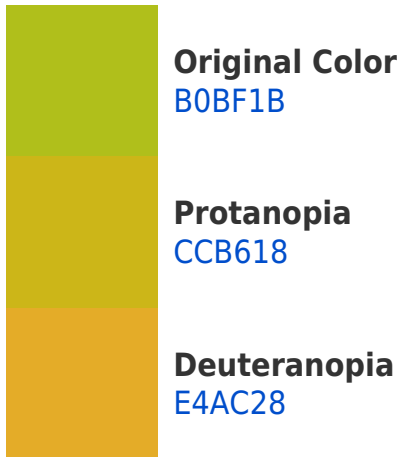


This preview shows how white text looks on a background with the Hex color B0BF1B.

# Color Blindness Simulation

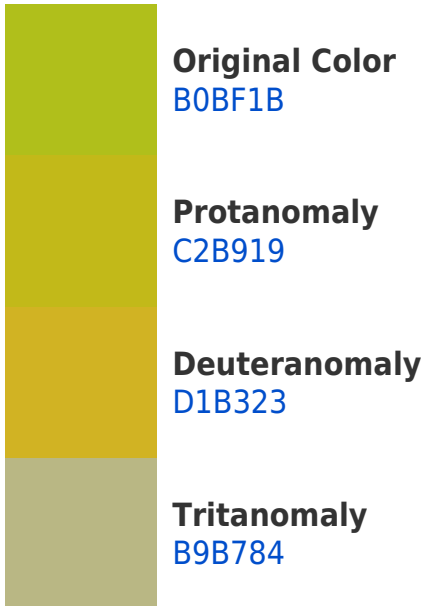
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

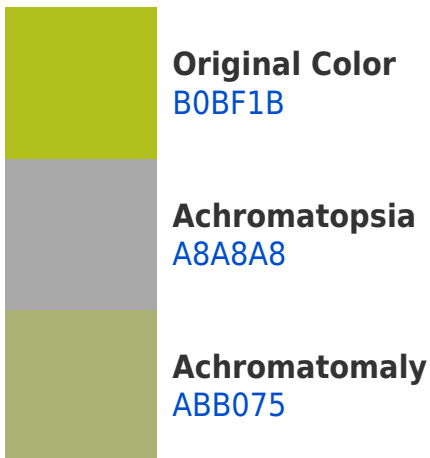




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0BF1B 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 #B0BF1B looks like.

```
.text, #text, p{  
    color:#B0BF1B  
}
```

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 #B0BF1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BF1B
}
```

## Border

The CSS property to change the border of an element to Hex B0BF1B 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
#B0BF1B }
```

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

```
.border{ border-color:#B0BF1B }
```

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

Here you see how a box with a 4 pixel #B0BF1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BF1B; -webkit-box-shadow:4px 4px  
4px 4px #B0BF1B; box-shadow:4px 4px 4px  
4px #B0BF1B }
```

# Background

The CSS property to change the background color of an element to Hex B0BF1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BF1B }
```

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

```
.background{ background-color:#B0BF1B }
```

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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