

# Converting Colors

Hex(B1BF2B)

Have a look what the booklet for  
Hex(B1BF2B) contains.

<b>Hex(B1BF2B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B1BF2B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1BF2B
RGB	177, 191, 43
RGB Percent	69%, 75%, 17%
CMY	0.3059, 0.2510, 0.8314
CMYK	0.07, 0.00, 0.77, 0.25
HSL	66°, 63%, 46%
HSV	66°, 77%, 75%
XYZ	37.1983, 46.7831, 9.3550
YIQ	169.9420, 39.1640, -48.9960

# Conversions

## Conversions Part 2

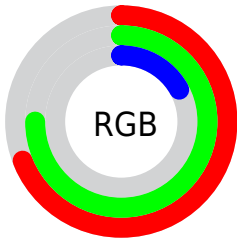
Format	Color
<a href="#">RYB</a>	<a href="#">43, 191, 57</a>
Decimal	<a href="#">11648811</a>
CIELab	<a href="#">74.05, -22.42, 67.01</a>
CIELCh	<a href="#">74, 70.658, 108.497</a>
Yxy	<a href="#">46.7831, 0.3985, 0.5012</a>
Android (android.graphics.Color)	<a href="#">4289838891 (0xFFB1BF2B)</a>
YUV	<a href="#">169.9420, -62.5824, 6.1899</a>
Hunter-Lab	<a href="#">68.3982, -22.6198, 39.7695</a>

# Details

The Hex color **B1BF2B** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **392BBF**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **ECF765**, and **788A00** is the 20% darker color. If you saturate the color by 10%, you get **AFBF18**, and if you desaturate by 10%, it is **B3BF3E**.

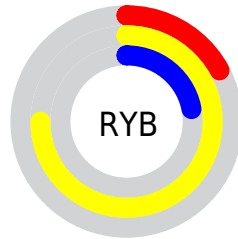
# Distribution



Red (69%)

Green (75%)

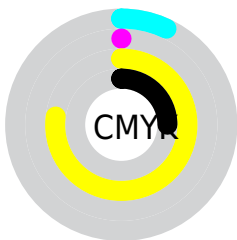
Blue (17%)



Red (17%)

Yellow (75%)

Blue (22%)

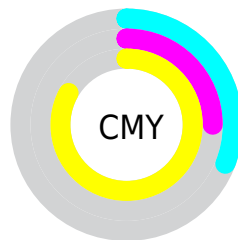


Cyan (7%)

Magenta (0%)

Yellow (77%)

Black (25%)



Cyan (31%)

Magenta (25%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1BF2B 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 B1BF2B by changing the saturation by 10% instead.





B1BF2B



B1BF2B

FFFFFF



94A400



ECF765



788A00



FFFF81



5D7000



FFFF9D



425800



FFFFB9



274100



FFFFD6



0C2A00



FFFFF4



001700



000000



B1BF2B



B1BF2B

 AFBF18

 B3BF3E

 ADBF05

 B5BF51

 ADBF00

 B6BF64

 B8BF77

 BABF8B

 BCBF9E

 BEBFB1

 BFBFC4

 C1BFD7

# Harmonies

## Analogous

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



ECAA2B



B1BF2B



62CD5B

# Triad

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



B1BF2B



00D1FF



FF7CD2

# Complementary

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



B1BF2B



392BBF

# 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.



EC93FF



B1BF2B



00C5FF

# Square

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



B1BF2B



00D5DD



87AFFF



FF7A91

# Rectangle

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



B1BF2B



00D284



87AFFF



FF82E7



# Sweetspot

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



B1BF2B



F2F7BE



BF372B



7A7D5A



FCFCFC



7D7D7D



# Same Dimension

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



B1BF2B



E2F711



69BF2B



5D5E55



8F9E00



1C1F00



# Inverse Universe

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



392BBF



2711F7



812BBF



56555E



0F009E



03001F



# Previews

## White Background



This preview shows how the Hex color B1BF2B looks on a white background.

## Color Contrast Check

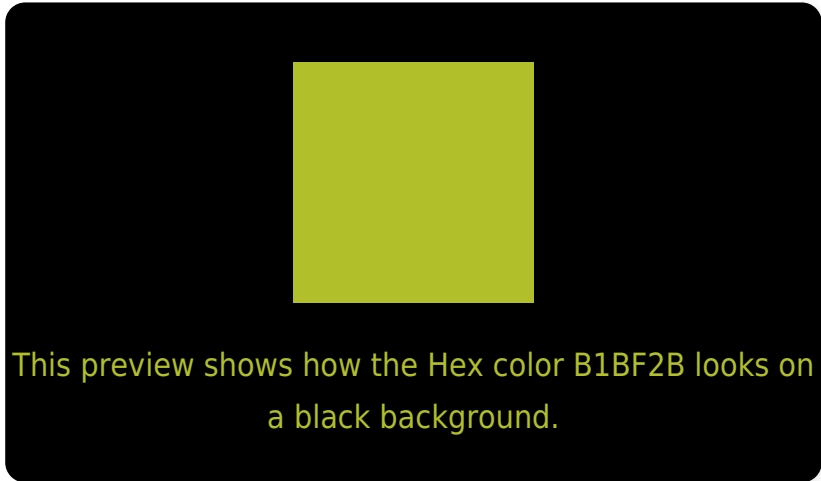
Large Text (above 18pt) WCAG AA × Fail

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 B1BF2B Background



This preview shows how black text looks on a background with the Hex color B1BF2B.



This preview shows how white text looks on a background with the Hex color B1BF2B.

# 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



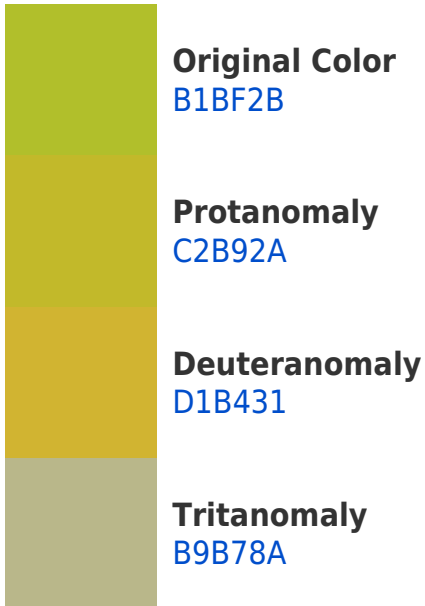
**Original Color**  
B1BF2B

**Protanopia**  
CCB629

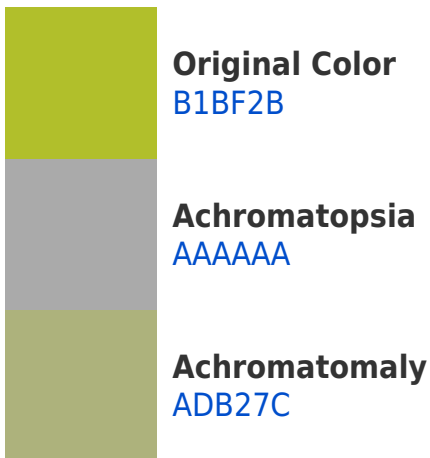
**Deuteranopia**  
E4AD34



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1BF2B 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 #B1BF2B looks like.

```
.text, #text, p{  
    color:#B1BF2B  
}
```

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 #B1BF2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BF2B
}
```

## Border

The CSS property to change the border of an element to Hex B1BF2B 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
#B1BF2B }
```

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

```
.border{ border-color:#B1BF2B }
```

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

Here you see how a box with a 4 pixel #B1BF2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BF2B; -webkit-box-shadow:4px 4px  
4px 4px #B1BF2B; box-shadow:4px 4px 4px  
4px #B1BF2B }
```

# Background

The CSS property to change the background color of an element to Hex B1BF2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BF2B }
```

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

```
.background{ background-color:#B1BF2B }
```

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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