

# Converting Colors

Hex(B1C828)

Have a look what the booklet for  
Hex(B1C828) contains.

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**Color**

**Hex(B1C828)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B1C828                      |
| RGB         | 177, 200, 40                |
| RGB Percent | 69%, 78%, 16%               |
| CMY         | 0.3059, 0.2157, 0.8431      |
| CMYK        | 0.12, 0.00, 0.80, 0.22      |
| HSL         | 69°, 67%, 47%               |
| HSV         | 69°, 80%, 78%               |
| XYZ         | 39.1687, 50.8089, 9.7502    |
| YIQ         | 174.8830, 37.6520, -54.6360 |

# Conversions

## Conversions Part 2

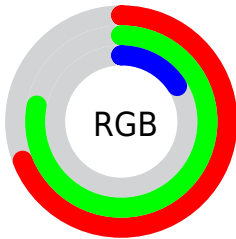
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">40, 200, 63</a>                                  |
| Decimal                             | <a href="#">11651112</a>                                     |
| CIELab                              | <a href="#">76.56, -26.90, 70.11</a>                         |
| CIELCh                              | <a href="#">77, 75.097, 110.989</a>                          |
| Yxy                                 | <a href="#">50.8089, 0.3928, 0.5095</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4289841192</a><br>( <a href="#">0xFFB1C828</a> ) |
| YUV                                 | <a href="#">174.8830, -66.4973, 1.8566</a>                   |
| Hunter-Lab                          | <a href="#">71.2803, -26.6544, 41.7862</a>                   |

# Details

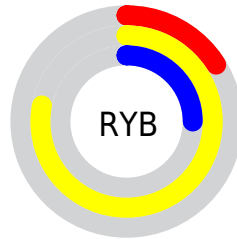
The Hex color **B1C828** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **3F28C8**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **ECFF64**, and **789200** is the 20% darker color. If you saturate the color by 10%, you get **AEC814**, and if you desaturate by 10%, it is **B4C83C**.

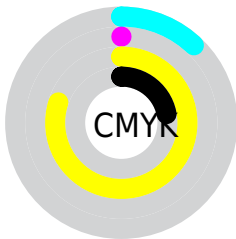
# Distribution



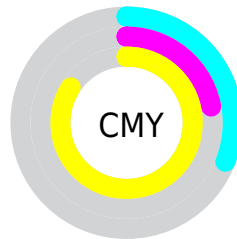
- Red (69%)
- Green (78%)
- Blue (16%)



- Red (16%)
- Yellow (78%)
- Blue (25%)



- Cyan (12%)
- Magenta (0%)
- Yellow (80%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1C828 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 B1C828 by changing the saturation by 10% instead.



 B1C828

 B1C828

FFFFFF

 94AD00

 ECFF64

 789200

 FFFF81

 5C7800

 FFFF9D

 416000

 FFFFB9

 254800

 FFFFD6

 073100

 FFFFF4

 001E00

 000000

 B1C828

 B1C828

 AEC814

 B4C83C

 ABC800

 B7C850

 BAC864

 BDC878

 BFC88C

 C2C8A0

 C5C8B4

 C8C8C8

 CBC8DC

# Harmonies

## Analogous

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



F2B221



B1C828



58D660

# Triad

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



B1C828



00D9FF



FF7CD5

# Complementary

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



B1C828



3F28C8

# 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.



FC95FF



B1C828



00CBFF

# Square

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



B1C828



00DEED



95B3FF



FF7D8F

# Rectangle

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



B1C828



00DB8D



95B3FF



FF82EC

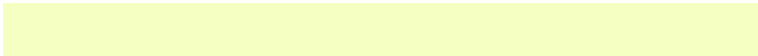


# Sweetspot

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



B1C828



F6FFC2



C83D28



7A805B



000000



808080



# Same Dimension

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



B1C828



DCFF0A



63C828



62635A



8CA300



1F2400



# Inverse Universe

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



3F28C8



2D0AFF



8D28C8



5B5A63



1700A3



050024



# Previews

## White Background



This preview shows how the Hex color B1C828 looks on a white background.

## Color Contrast Check

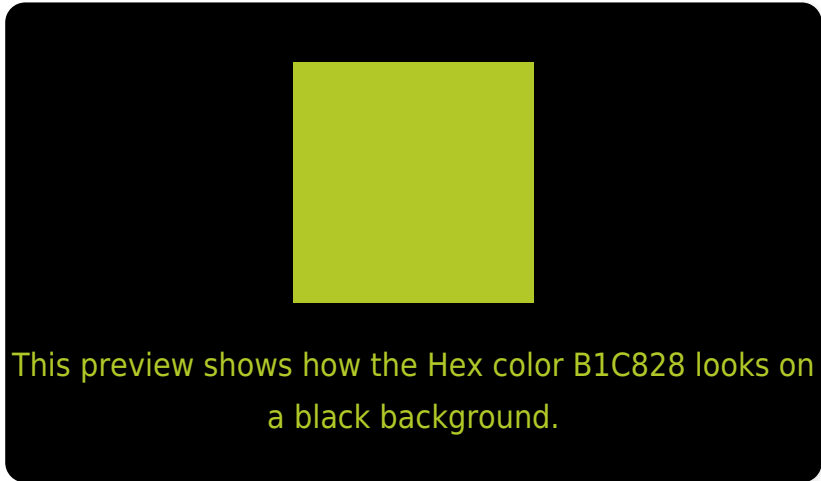
Large Text (above 18pt) WCAG AA × Fail

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 B1C828 Background



This preview shows how black text looks on a background with the Hex color B1C828.

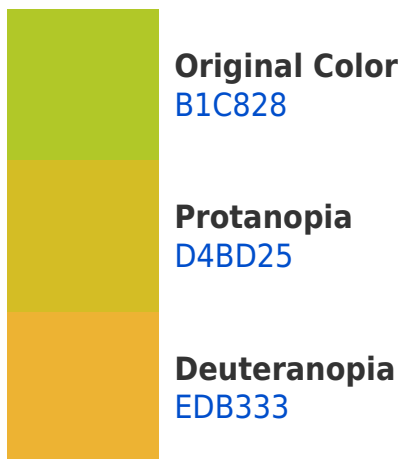


This preview shows how white text looks on a background with the Hex color B1C828.

# Color Blindness Simulation

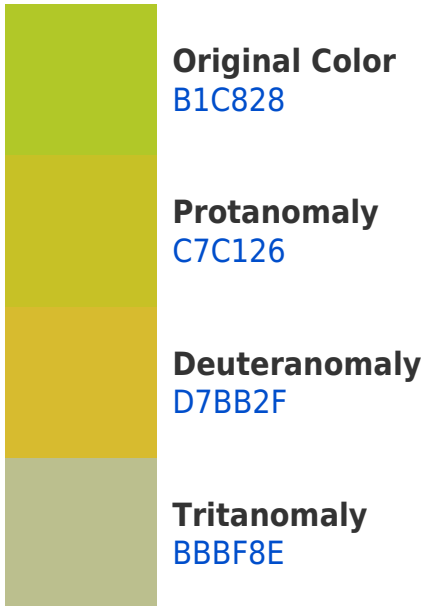
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

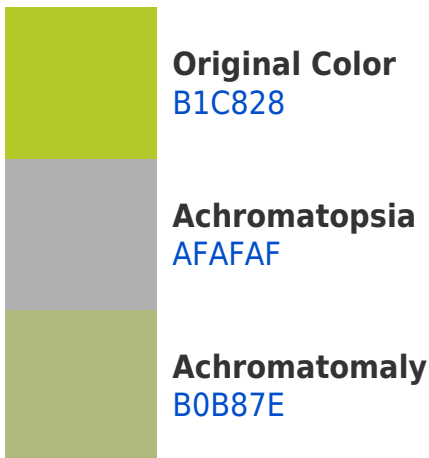




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1C828 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 #B1C828 looks like.

```
.text, #text, p{  
    color:#B1C828  
}
```

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 #B1C828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C828  
}
```

## Border

The CSS property to change the border of an element to Hex B1C828 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  
#B1C828 }
```

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

```
.border{ border-color:#B1C828 }
```

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

Here you see how a box with a 4 pixel #B1C828 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C828; -webkit-box-shadow:4px 4px  
4px 4px #B1C828; box-shadow:4px 4px 4px  
4px #B1C828 }
```

# Background

The CSS property to change the background color of an element to Hex B1C828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C828 }
```

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

```
.background{ background-color:#B1C828 }
```

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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