

Converting Colors

Hex(B1C738)

Have a look what the booklet for
Hex(B1C738) contains.

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Color

Hex(B1C738)

Conversions

Conversions Part 1

Format	Color
Hex	B1C738
RGB	177, 199, 56
RGB Percent	69%, 78%, 22%
CMY	0.3059, 0.2196, 0.7804
CMYK	0.11, 0.00, 0.72, 0.22
HSL	69°, 56%, 50%
HSV	69°, 72%, 78%
XYZ	39.2687, 50.4795, 11.4152
YIQ	176.1200, 32.7910, -49.1370

Conversions

Conversions Part 2

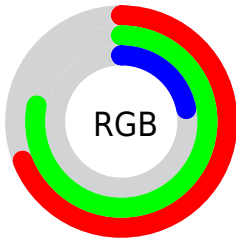
Format	Color
RYB	56, 199, 78
Decimal	11650872
CIELab	76.36, -25.72, 64.94
CIELCh	76, 69.847, 111.605
Yxy	50.4795, 0.3882, 0.4990
Android (android.graphics.Color)	4289840952 (0xFFB1C738)
YUV	176.1200, -59.2192, 0.7718
Hunter-Lab	71.0489, -25.6788, 40.2083

Details

The Hex color **B1C738** 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 **4E38C7**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EBFF70**, and **799100** is the 20% darker color. If you saturate the color by 10%, you get **AEC724**, and if you desaturate by 10%, it is **B4C74C**.

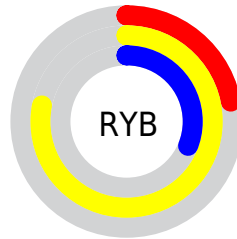
Distribution



Red (69%)

Green (78%)

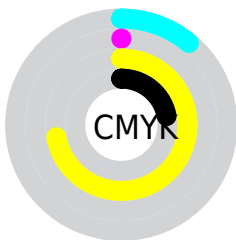
Blue (22%)



Red (22%)

Yellow (78%)

Blue (31%)

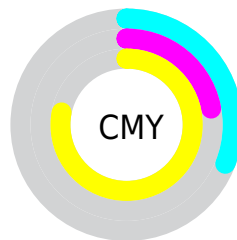


Cyan (11%)

Magenta (0%)

Yellow (72%)

Black (22%)



Cyan (31%)

Magenta (22%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1C738 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 B1C738 by changing the saturation by 10% instead.

 B1C738

 B1C738

FFFFFF

 95AC16

 EBFF70

 799100

 FFFF8C

 5D7700

 FFFFA8

 435F00

 FFFF8C

 274700

 FFFFE1

 0A3000

 001E00

 000000

 B1C738

 B1C738

 AEC724

 B4C74C

 ABC710

 B7C760

 A8C700

 BAC774

 BDC788

 C0C79C

 C3C7AF

 C6C7C3

 C9C7D7

 CDC7EB

Harmonies

Analogous

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



EEB331



B1C738



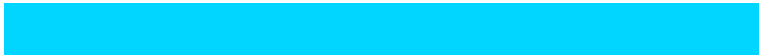
60D468

Triad

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



B1C738



00D6FF



FF82D1

Complementary

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



B1C738



4E38C7

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.



F997FF



B1C738



00C9FF

Square

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



B1C738



00DBEA



9DB3FF



FF8491

Rectangle

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



B1C738



00D991



9DB3FF



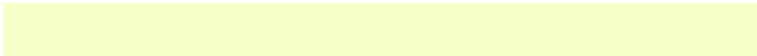
FF87E7

Sweetspot

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



B1C738



F6FFC7



C74D38



7A805E



000000



808080

Same Dimension

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



B1C738



DFF24



6AC738



62635A



8AA300



1E2400

Inverse Universe

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



4E38C7



4524FF



9538C7



5B5A63



1900A3



050024

Previews

White Background



This preview shows how the Hex color B1C738 looks on a white background.

Color Contrast Check

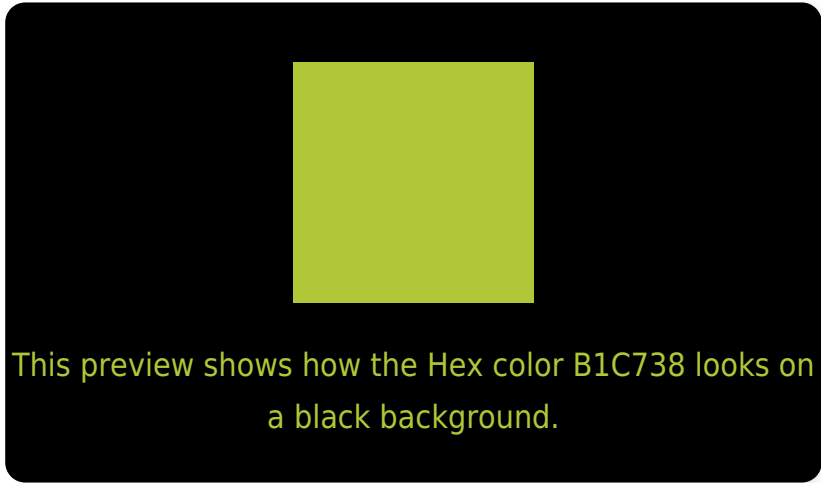
Large Text (above 18pt) WCAG AA × Fail

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 B1C738 Background



This preview shows how black text looks on a background with the Hex color B1C738.

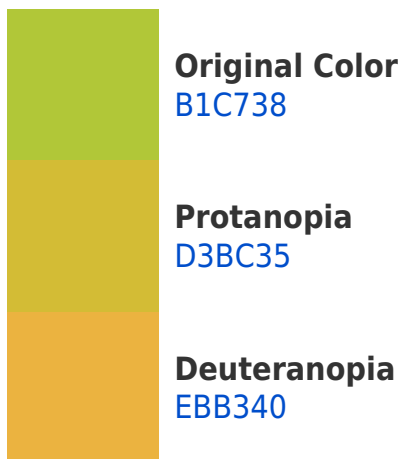


This preview shows how white text looks on a background with the Hex color B1C738.

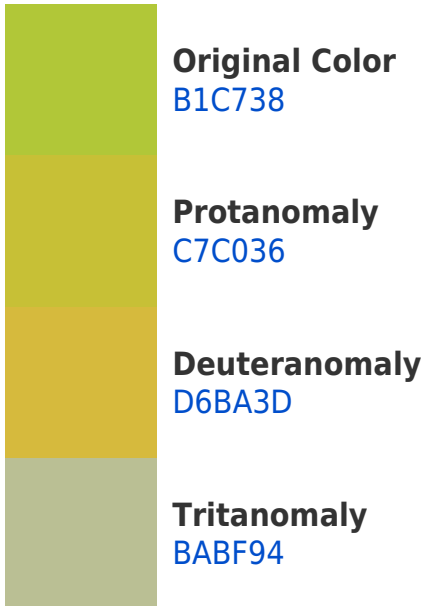
Color Blindness Simulation

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](#).

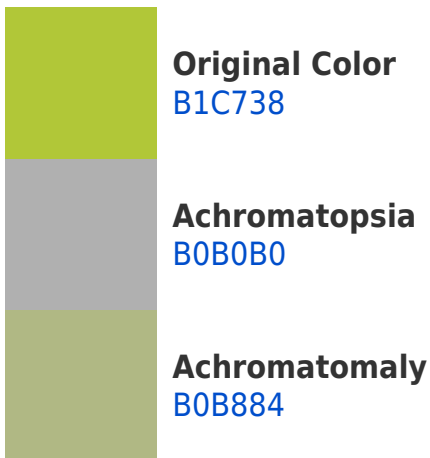
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1C738 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 #B1C738 looks like.

```
.text, #text, p{  
    color:#B1C738  
}
```

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 #B1C738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C738
}
```

Border

The CSS property to change the border of an element to Hex B1C738 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
#B1C738 }
```

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

```
.border{ border-color:#B1C738 }
```

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

Here you see how a box with a 4 pixel #B1C738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C738; -webkit-box-shadow:4px 4px  
4px 4px #B1C738; box-shadow:4px 4px 4px  
4px #B1C738 }
```

Background

The CSS property to change the background color of an element to Hex B1C738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C738 }
```

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

```
.background{ background-color:#B1C738 }
```

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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