

Converting Colors

Hex(B1CE68)

Have a look what the booklet for
Hex(B1CE68) contains.

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Color

Hex(B1CE68)

Conversions

Conversions Part 1

Format	Color
Hex	B1CE68
RGB	177, 206, 104
RGB Percent	69%, 81%, 41%
CMY	0.3059, 0.1922, 0.5922
CMYK	0.14, 0.00, 0.50, 0.19
HSL	77°, 51%, 61%
HSV	77°, 50%, 81%
XYZ	42.7015, 54.4892, 21.3636
YIQ	185.7010, 15.4580, -37.8700

Conversions

Conversions Part 2

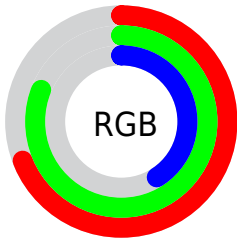
Format	Color
RYB	104, 206, 133
Decimal	11652712
CIELab	78.75, -25.44, 47.14
CIELCh	79, 53.566, 118.357
Yxy	54.4892, 0.3602, 0.4596
Android (android.graphics.Color)	4289842792 (0xFFB1CE68)
YUV	185.7010, -40.2786, -7.6308
Hunter-Lab	73.8168, -25.9209, 34.5124

Details

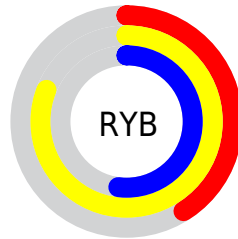
The Hex color **B1CE68** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8568CE**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EAFF9D**, and **7A9835** is the 20% darker color. If you saturate the color by 10%, you get **ABCE53**, and if you desaturate by 10%, it is **B7CE7D**.

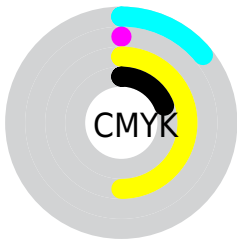
Distribution



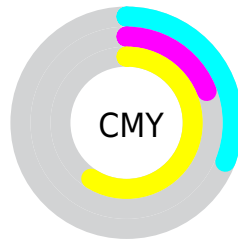
- Red (69%)
- Green (81%)
- Blue (41%)



- Red (41%)
- Yellow (81%)
- Blue (52%)



- Cyan (14%)
- Magenta (0%)
- Yellow (50%)
- Black (19%)



- Cyan (31%)
- Magenta (19%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1CE68 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 B1CE68 by changing the saturation by 10% instead.

 B1CE68

 B1CE68

FFFFFF

 95B24E

 EAF99D

 7A9835

 FFFFB9

 607E1A

 FFFFD5

 466500

 FFFFF2

 2D4C00

 123600

 002100

 000000

 B1CE68

 B1CE68

 ABCE53

 B7CE7D

 A5CE3F

 BDCE91

 9FCE2A

 C3CEA6

 9ACE16

 C8CEBA

 94CE01

 CECECF

 93CE00

 D4CEE4

 DACEF8

 E0CEFF

 E6CEFF

Harmonies

Analogous

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



E3BF5D



B1CE68



73D88D

Triad

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



B1CE68



00D5FF



FF9AC8

Complementary

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



B1CE68



8568CE

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.



FEA4F8



B1CE68



65C9FF

Square

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



B1CE68



00DCF1



C2B7FF



FF9E96

Rectangle

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



B1CE68



33DBAD



C2B7FF



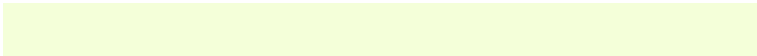
FF9CD9

Sweetspot

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



B1CE68



F4FFD9



CE8568



798069



000000



808080

Same Dimension

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



B1CE68



D4FF69



7ECE68



63665C



77A600



1B2600

Inverse Universe

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



8568CE



9369FF



B868CE



5F5C66



2F00A6



0B0026

Previews

White Background



This preview shows how the Hex color B1CE68 looks on a white background.

Color Contrast Check

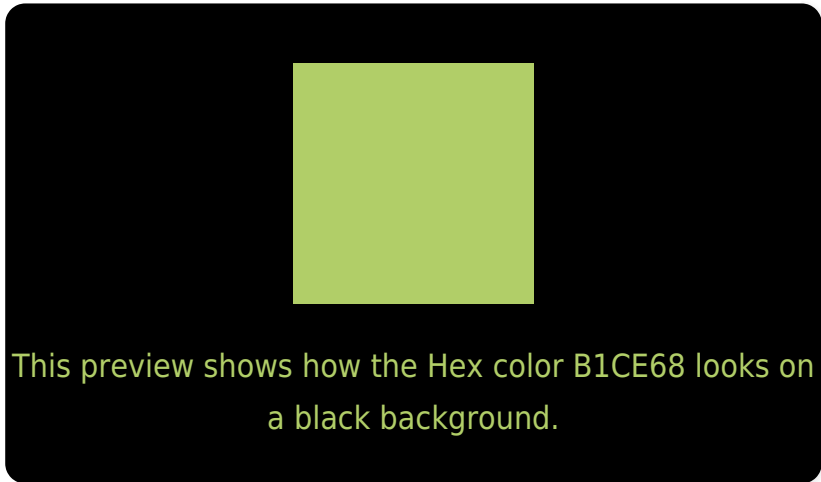
Large Text (above 18pt) WCAG AA × Fail

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 B1CE68 Background



This preview shows how black text looks on a background with the Hex color B1CE68.

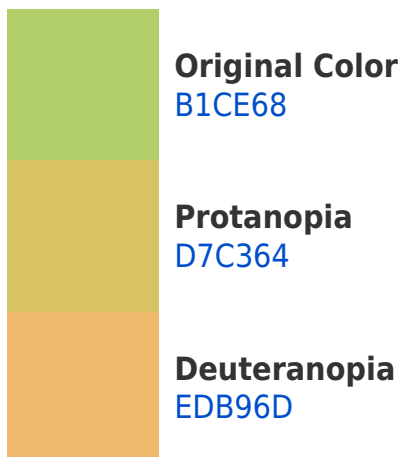


This preview shows how white text looks on a background with the Hex color B1CE68.

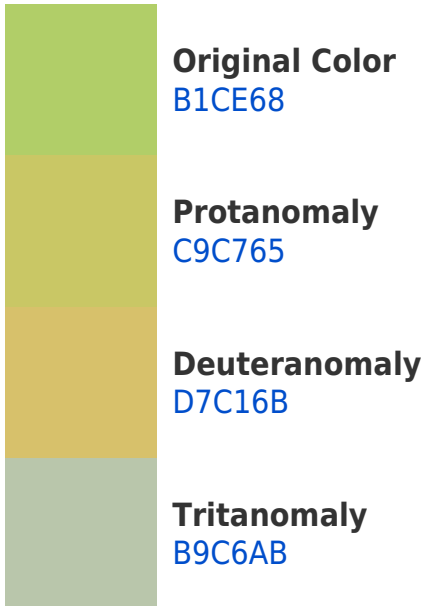
Color Blindness Simulation

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 B1CE68 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 #B1CE68 looks like.

```
.text, #text, p{  
    color:#B1CE68  
}
```

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 #B1CE68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1CE68
}
```

Border

The CSS property to change the border of an element to Hex B1CE68 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
#B1CE68 }
```

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

```
.border{ border-color:#B1CE68 }
```

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

Here you see how a box with a 4 pixel #B1CE68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1CE68; -webkit-box-shadow:4px 4px  
4px 4px #B1CE68; box-shadow:4px 4px 4px  
4px #B1CE68 }
```

Background

The CSS property to change the background color of an element to Hex B1CE68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1CE68 }
```

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

```
.background{ background-color:#B1CE68 }
```

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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