

# Converting Colors

Hex(B1BF71)

Have a look what the booklet for  
Hex(B1BF71) contains.

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**Color**

**Hex(B1BF71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1BF71
RGB	177, 191, 113
RGB Percent	69%, 75%, 44%
CMY	0.3059, 0.2510, 0.5569
CMYK	0.07, 0.00, 0.41, 0.25
HSL	71°, 38%, 60%
HSV	71°, 41%, 75%
XYZ	39.7429, 47.8010, 22.7546
YIQ	177.9220, 16.6940, -27.2260

# Conversions

## Conversions Part 2

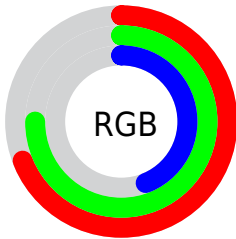
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 191, 127
Decimal	11648881
CIELab	74.70, -17.06, 37.69
CIELCh	75, 41.371, 114.346
Yxy	47.8010, 0.3603, 0.4334
Android (android.graphics.Color)	4289838961 (0xFFB1BF71)
YUV	177.9220, -32.0065, -0.8086
Hunter-Lab	69.1382, -18.3844, 28.8834

# Details

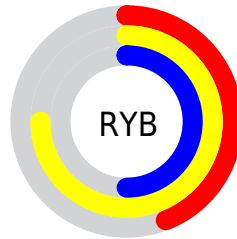
The Hex color **B1BF71** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7F71BF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EAF7A6**, and **7B8A3F** is the 20% darker color. If you saturate the color by 10%, you get **AEBF5E**, and if you desaturate by 10%, it is **B4BF84**.

# Distribution



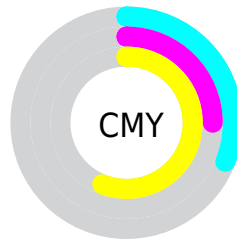
- Red (69%)
- Green (75%)
- Blue (44%)



- Red (44%)
- Yellow (75%)
- Blue (50%)



- Cyan (7%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1BF71 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 B1BF71 by changing the saturation by 10% instead.



 B1BF71

 B1BF71

FFFFFF

 96A458

 EAF7A6

 7B8A3F

 FFFFC1

 617027

 FFFFDE

 48580D

 FFFFFA

 304000

 182A00

 001800

 000000

 B1BF71

 B1BF71

 AEBF5E

 B4BF84

 AABF4B

 B8BF97

 A7BF38

 BBBFAA

 A3BF25

 BFBFBD

 A0BF12

 C2BFD1

 9DBF00

 C6BFE4

 C9BFF7

 CCBFFF

 D0BFFF

# Harmonies

## Analogous

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



D7B36C



B1BF71



84C78A

# Triad

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



B1BF71



22C7F5



FC9BC1

# Complementary

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



B1BF71



7F71BF

# 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.



E1A3E5



B1BF71



72BEFF

# Square

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



B1BF71



00CCD6



B2B1FD



FF9C9A

# Rectangle

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



B1BF71



63CBA2



B2B1FD



F59CCD

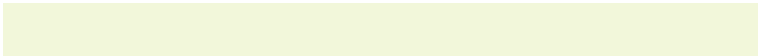


# Sweetspot

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



B1BF71



F2F7DA



BF7E71



7A7D6B



FCFCFC



7D7D7D



# Same Dimension

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



B1BF71



E2F77E



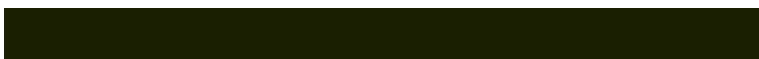
8BBF71



5D5E55



829E00



191F00



# Inverse Universe

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



7F71BF



947EF7



A571BF



57555E



1C009E



05001F



# Previews

## White Background



This preview shows how the Hex color B1BF71 looks on a white background.

## Color Contrast Check

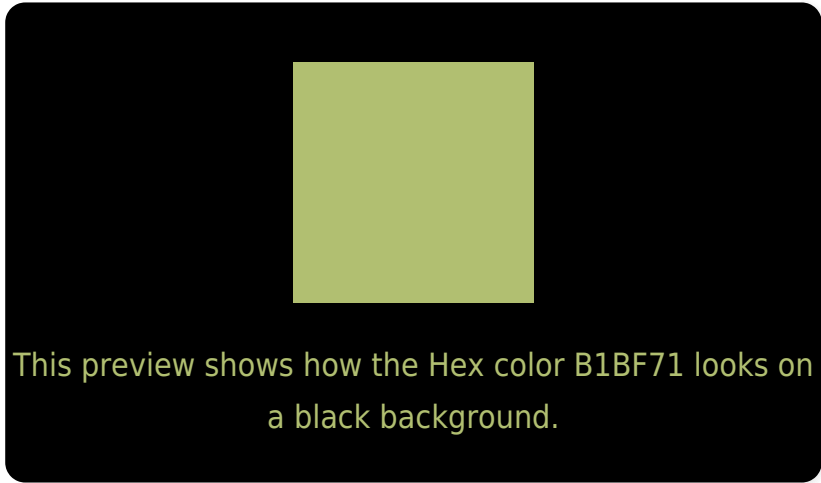
Large Text (above 18pt) WCAG AA × Fail

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

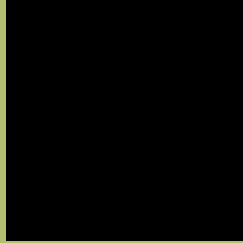
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1BF71 Background



This preview shows how black text looks on a background with the Hex color B1BF71.

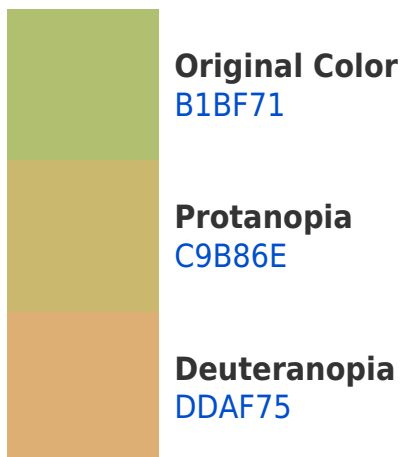


This preview shows how white text looks on a background with the Hex color B1BF71.

# 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





**Tritanopia**  
BBB5C4

# Trichromacy



**Original Color**  
B1BF71

**Protanomaly**  
C0BB6F

**Deuteranomaly**  
CDB574

**Tritanomaly**  
B7B9A6

# Monochromacy



**Original Color**  
B1BF71

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B2B79A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1BF71 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 #B1BF71 looks like.

```
.text, #text, p{  
    color:#B1BF71  
}
```

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 #B1BF71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BF71  
}
```

## Border

The CSS property to change the border of an element to Hex B1BF71 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  
#B1BF71 }
```

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

```
.border{ border-color:#B1BF71 }
```

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

Here you see how a box with a 4 pixel #B1BF71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BF71; -webkit-box-shadow:4px 4px  
4px 4px #B1BF71; box-shadow:4px 4px 4px  
4px #B1BF71 }
```

# Background

The CSS property to change the background color of an element to Hex B1BF71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BF71 }
```

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

```
.background{ background-color:#B1BF71 }
```

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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