

Converting Colors

Hex(B1BE70)

Have a look what the booklet for
Hex(B1BE70) contains.

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Color

Hex(B1BE70)

Conversions

Conversions Part 1

Format	Color
Hex	B1BE70
RGB	177, 190, 112
RGB Percent	69%, 75%, 44%
CMY	0.3059, 0.2549, 0.5608
CMYK	0.07, 0.00, 0.41, 0.25
HSL	70°, 38%, 59%
HSV	70°, 41%, 75%
XYZ	39.4695, 47.3439, 22.3872
YIQ	177.2210, 17.2900, -27.0140

Conversions

Conversions Part 2

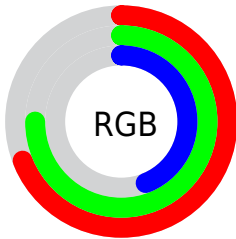
Format	Color
RYB	112, 190, 125
Decimal	11648624
CIELab	74.41, -16.66, 37.83
CIELCh	74, 41.341, 113.771
Yxy	47.3439, 0.3614, 0.4335
Android (android.graphics.Color)	4289838704 (0xFFB1BE70)
YUV	177.2210, -32.1540, -0.1938
Hunter-Lab	68.8069, -18.0195, 28.8740

Details

The Hex color **B1BE70** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7D70BE**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EAF6A5**, and **7B893E** is the 20% darker color. If you saturate the color by 10%, you get **AEBE5D**, and if you desaturate by 10%, it is **B4BE83**.

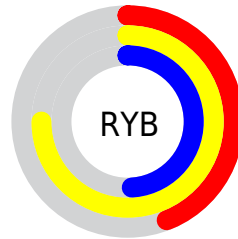
Distribution



Red (69%)

Green (75%)

Blue (44%)



Red (44%)

Yellow (75%)

Blue (49%)

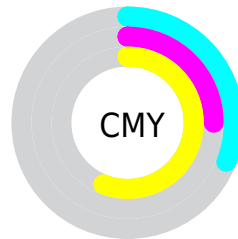


Cyan (7%)

Magenta (0%)

Yellow (41%)

Black (25%)



Cyan (31%)

Magenta (25%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1BE70 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 B1BE70 by changing the saturation by 10% instead.

 B1BE70

 B1BE70

FFFFFF

 96A357

 EAF6A5

 7B893E

 FFFFC0

 616F26

 FFFFDD

 48570C

 FFFFF9

 304000

 182A00

 001700

 000000

 B1BE70

 B1BE70

 AEBE5D

 B4BE83

 ABBE4A

 B7BE96

 A8BE37

 BBBEA9

 A4BE24

 BEBEBC

 A1BE11

 C1BECF

 9EBE00

 C4BEE2

 C7BEF5

 CABEFF

 CDBEFF

Harmonies

Analogous

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



D7B26B



B1BE70



85C689

Triad

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



B1BE70



1EC6F3



FB9AC1

Complementary

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



B1BE70



7D70BE

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.



DFA2E4



B1BE70



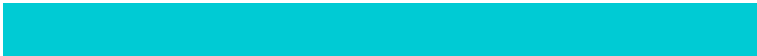
70BDFF

Square

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



B1BE70



00CBD4



B0B0FC



FF9B9A

Rectangle

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



B1BE70



63CAA1



B0B0FC



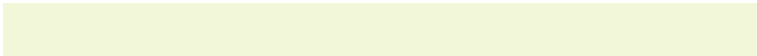
F49CCD

Sweetspot

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



B1BE70



F2F7DA



BE7D70



7A7D6B



FCFCFC



7D7D7D

Same Dimension

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



B1BE70



E3F77E



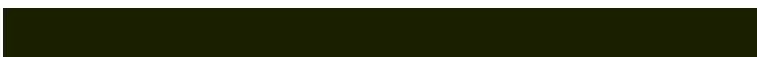
8ABE70



5D5E55



849E00



191F00

Inverse Universe

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



7D70BE



927EF7



A470BE



56555E



1A009E



05001F

Previews

White Background



This preview shows how the Hex color B1BE70 looks on a white background.

Color Contrast Check

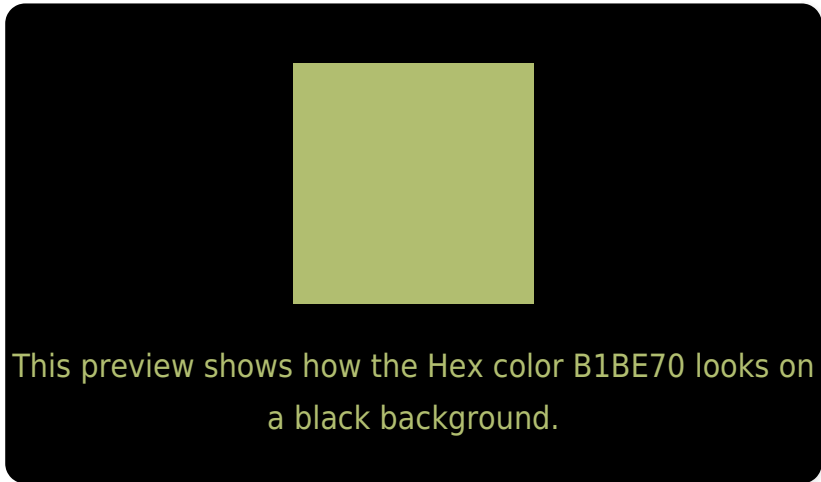
Large Text (above 18pt) WCAG AA × Fail

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

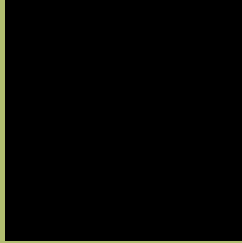
Any Text WCAG AA ✓ Pass

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 B1BE70 Background



This preview shows how black text looks on a background with the Hex color B1BE70.

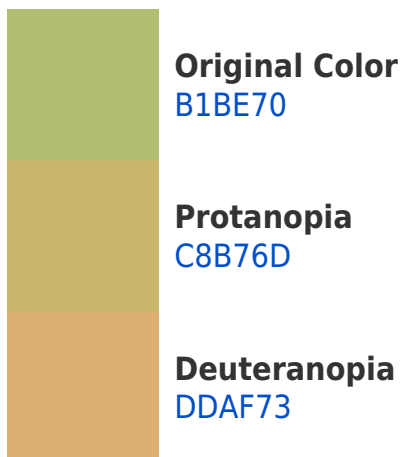


This preview shows how white text looks on a background with the Hex color B1BE70.

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](#).

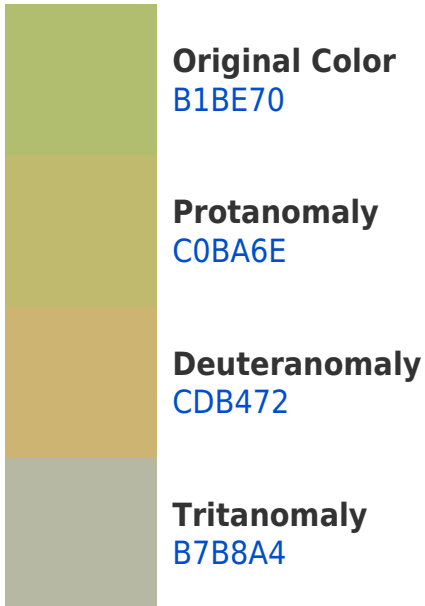
Dichromacy





Tritanopia
BBB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1BE70 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 #B1BE70 looks like.

```
.text, #text, p{  
    color:#B1BE70  
}
```

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 #B1BE70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BE70
}
```

Border

The CSS property to change the border of an element to Hex B1BE70 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
#B1BE70 }
```

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

```
.border{ border-color:#B1BE70 }
```

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

Here you see how a box with a 4 pixel #B1BE70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BE70; -webkit-box-shadow:4px 4px  
4px 4px #B1BE70; box-shadow:4px 4px 4px  
4px #B1BE70 }
```

Background

The CSS property to change the background color of an element to Hex B1BE70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BE70 }
```

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

```
.background{ background-color:#B1BE70 }
```

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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