

Converting Colors

Hex(B1CA70)

Have a look what the booklet for
Hex(B1CA70) contains.

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Color

Hex(B1CA70)

Conversions

Conversions Part 1

Format	Color
Hex	B1CA70
RGB	177, 202, 112
RGB Percent	69%, 79%, 44%
CMY	0.3059, 0.2078, 0.5608
CMYK	0.12, 0.00, 0.45, 0.21
HSL	77°, 46%, 62%
HSV	77°, 45%, 79%
XYZ	42.1766, 52.7580, 23.2896
YIQ	184.2650, 13.9900, -33.2900

Conversions

Conversions Part 2

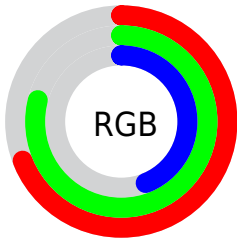
Format	Color
RYB	112, 202, 137
Decimal	11651696
CIELab	77.73, -22.65, 42.00
CIELCh	78, 47.714, 118.334
Yxy	52.7580, 0.3568, 0.4463
Android (android.graphics.Color)	4289841776 (0xFFB1CA70)
YUV	184.2650, -35.6266, -6.3714
Hunter-Lab	72.6347, -23.4616, 31.8335

Details

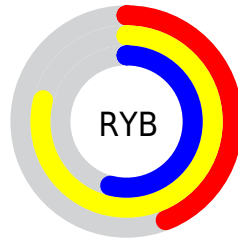
The Hex color **B1CA70** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8970CA**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EAFFA5**, and **7B943D** is the 20% darker color. If you saturate the color by 10%, you get **ABCA5C**, and if you desaturate by 10%, it is **B7CA84**.

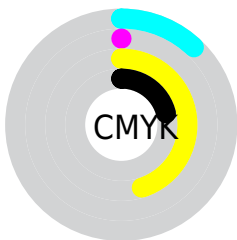
Distribution



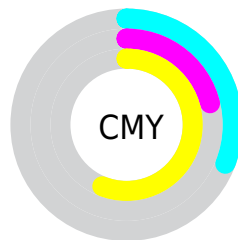
- Red (69%)
- Green (79%)
- Blue (44%)



- Red (44%)
- Yellow (79%)
- Blue (54%)



- Cyan (12%)
- Magenta (0%)
- Yellow (45%)
- Black (21%)



- Cyan (31%)
- Magenta (21%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1CA70 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 B1CA70 by changing the saturation by 10% instead.

 B1CA70

 B1CA70


FFFFFF

 96AF56

 EAFFA5

 7B943D

 FFFFC1

 617A24

 FFFFDD

 476107

 FFFFFA

 2F4900

 163300

 001F00

 000000

 B1CA70

 B1CA70

 ABCA5C

 B7CA84

 A6CA48

 BCCA98

 A0CA33

 C2CAAD

 9BCA1F

 C7CAC1

 95CA0B

 CDCAD5

 92CA00

 D3CAE9

 D8CAFD

 DECAFF

 E3CAFF

Harmonies

Analogous

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



DEBD66



B1CA70



7BD390

Triad

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



B1CA70



00D1FF



FF9DC4

Complementary

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



B1CA70



8970CA

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.



F5A5EF



B1CA70



74C5FF

Square

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



B1CA70



00D6E9



C0B6FF



FFA098

Rectangle

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



B1CA70



4DD6AD



C0B6FF



FF9ED3

Sweetspot

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



B1CA70



F6FFDE



CA8870



7A806B



000000



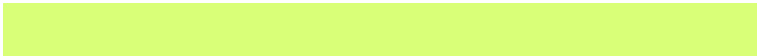
808080

Same Dimension

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



B1CA70



D9FF78



85CA70



63665C



78A600



1C2600

Inverse Universe

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



8970CA



9D78FF



B570CA



5F5C66



2E00A6



0B0026

Previews

White Background



This preview shows how the Hex color B1CA70 looks on a white background.

Color Contrast Check

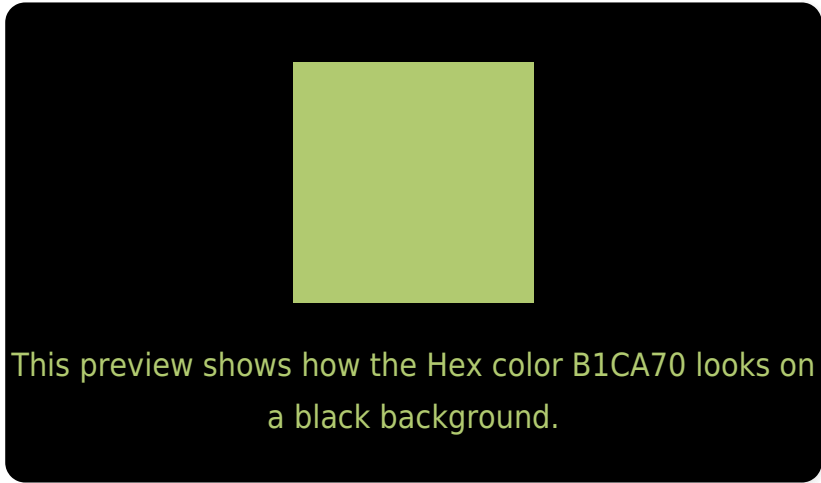
Large Text (above 18pt) WCAG AA × Fail

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 B1CA70 Background



This preview shows how black text looks on a background with the Hex color B1CA70.

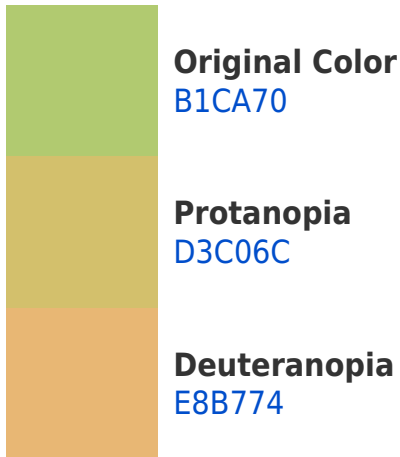


This preview shows how white text looks on a background with the Hex color B1CA70.

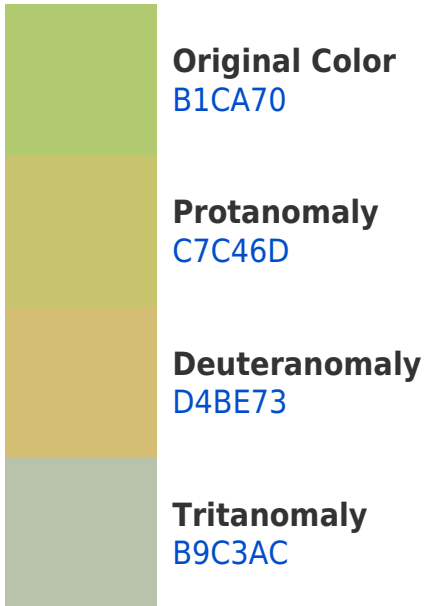
Color Blindness Simulation

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 B1CA70 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 #B1CA70 looks like.

```
.text, #text, p{  
    color:#B1CA70  
}
```

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 #B1CA70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1CA70
}
```

Border

The CSS property to change the border of an element to Hex B1CA70 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
#B1CA70 }
```

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

```
.border{ border-color:#B1CA70 }
```

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

Here you see how a box with a 4 pixel #B1CA70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1CA70; -webkit-box-shadow:4px 4px  
4px 4px #B1CA70; box-shadow:4px 4px 4px  
4px #B1CA70 }
```

Background

The CSS property to change the background color of an element to Hex B1CA70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1CA70 }
```

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

```
.background{ background-color:#B1CA70 }
```

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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