

Converting Colors

Hex(B1BA66)

Have a look what the booklet for
Hex(B1BA66) contains.

| | |
|--|----|
| Hex(B1BA66) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(B1BA66)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B1BA66 |
| RGB | 177, 186, 102 |
| RGB Percent | 69%, 73%, 40% |
| CMY | 0.3059, 0.2706, 0.6000 |
| CMYK | 0.05, 0.00, 0.45, 0.27 |
| HSL | 66°, 38%, 56% |
| HSV | 66°, 45%, 73% |
| XYZ | 38.0886, 45.4242, 19.3306 |
| YIQ | 173.7330, 21.6000, -28.0320 |

Conversions

Conversions Part 2

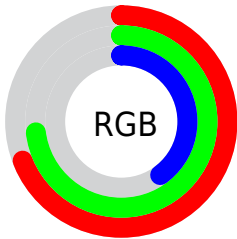
| Format | Color |
|-------------------------------------|--|
| RYB | 102, 186, 111 |
| Decimal | 11647590 |
| CIELab | 73.17, -15.73, 41.34 |
| CIELCh | 73, 44.226, 110.830 |
| Yxy | 45.4242, 0.3704, 0.4417 |
| Android (android.graphics.Color) | 4289837670 (0xFFB1BA66) |
| YUV | 173.7330, -35.3644, 2.8652 |
| Hunter-Lab | 67.3975, -17.0692, 30.1730 |

Details

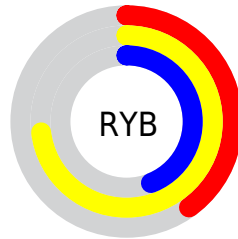
The Hex color **B1BA66** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6F66BA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EAF29B**, and **7B8534** is the 20% darker color. If you saturate the color by 10%, you get **AFBA53**, and if you desaturate by 10%, it is **B3BA79**.

Distribution



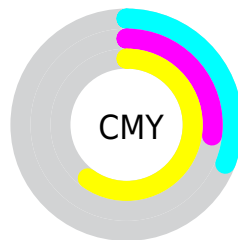
- Red (69%)
- Green (73%)
- Blue (40%)



- Red (40%)
- Yellow (73%)
- Blue (44%)



- Cyan (5%)
- Magenta (0%)
- Yellow (45%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1BA66 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 B1BA66 by changing the saturation by 10% instead.

 B1BA66

 B1BA66


FFFFFF

 969F4D

 EAF29B

 7B8534

 FFFF66

 616C1B

 FFFF66

 475400

 FFFF66

 303C00

 172700

 001300

 000000

 B1BA66

 B1BA66

 AFBA53

 B3BA79

 ADBA41

 B5BA8B

 ABBA2E

 B7BA9E

 A9BA1C

 B9BAB0

 A7BA09

 BBBAC3

 A6BA00

 BDBAD6

 BFBAE8

 C1BAFB

 C3BAFF

Harmonies

Analogous

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



D8AD63



B1BA66



82C37F

Triad

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



B1BA66



00C5F1



FA94C2

Complementary

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



B1BA66



6F66BA

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.



DA9FE7



B1BA66



5ABBFF

Square

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



B1BA66



00C9CF



A5AEFF



FF9599

Rectangle

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



B1BA66



5DC798



A5AEFF



F297CF

Sweetspot

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



B1BA66



EFF2D0



BA6E66



787A66



FAFafa



7A7A7A

Same Dimension

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



B1BA66



E4F26F



88BA66



5B5C53



8B9C00



191C00

Inverse Universe

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



6F66BA



7D6FF2



9866BA



54535C



11009C



03001C

Previews

White Background



This preview shows how the Hex color B1BA66 looks on a white background.

Color Contrast Check

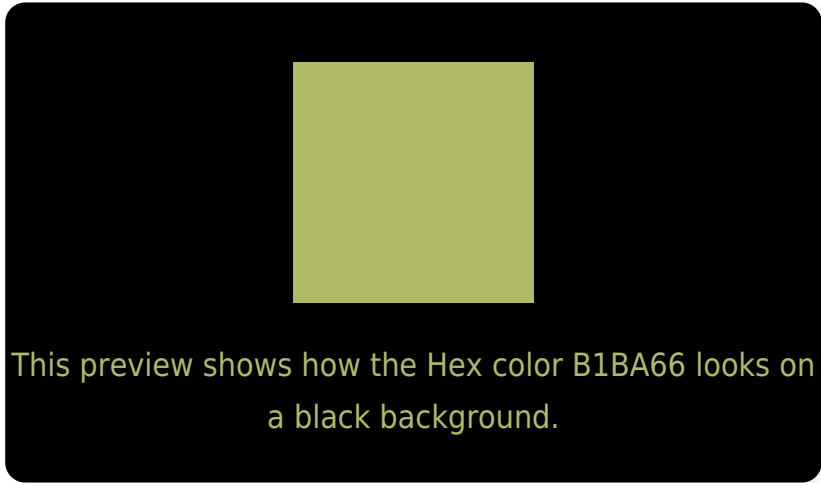
Large Text (above 18pt) WCAG AA × Fail

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

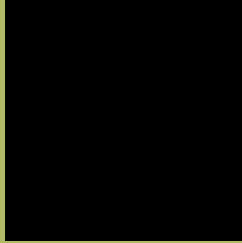
Any Text WCAG AA ✓ Pass

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 B1BA66 Background



This preview shows how black text looks on a background with the Hex color B1BA66.

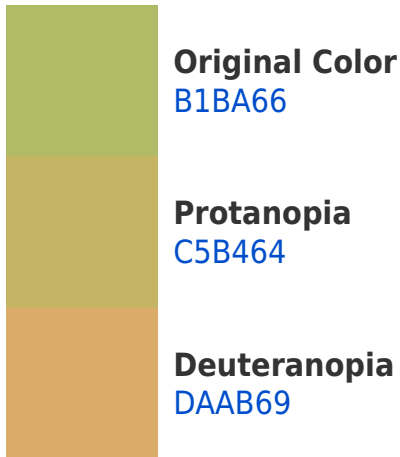


This preview shows how white text looks on a background with the Hex color B1BA66.

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 B1BA66 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 #B1BA66 looks like.

```
.text, #text, p{  
    color:#B1BA66  
}
```

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 #B1BA66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BA66  
}
```

Border

The CSS property to change the border of an element to Hex B1BA66 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  
#B1BA66 }
```

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

```
.border{ border-color:#B1BA66 }
```

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

Here you see how a box with a 4 pixel #B1BA66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BA66; -webkit-box-shadow:4px 4px  
4px 4px #B1BA66; box-shadow:4px 4px 4px  
4px #B1BA66 }
```

Background

The CSS property to change the background color of an element to Hex B1BA66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BA66 }
```

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

```
.background{ background-color:#B1BA66 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor