

Converting Colors

Hex(B1AA65)

Have a look what the booklet for
Hex(B1AA65) contains.

Hex(B1AA65)	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(B1AA65)

Conversions

Conversions Part 1

Format	Color
Hex	B1AA65
RGB	177, 170, 101
RGB Percent	69%, 67%, 40%
CMY	0.3059, 0.3333, 0.6039
CMYK	0.00, 0.04, 0.43, 0.31
HSL	54°, 33%, 55%
HSV	54°, 43%, 69%
XYZ	34.8552, 39.0361, 18.0096
YIQ	164.2270, 26.3210, -19.9750

Conversions

Conversions Part 2

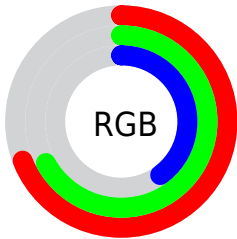
Format	Color
RYB	109, 177, 101
Decimal	11643493
CIELab	68.78, -7.53, 36.38
CIELCh	69, 37.154, 101.697
Yxy	39.0361, 0.3793, 0.4248
Android (android.graphics.Color)	4289833573 (0xFFB1AA65)
YUV	164.2270, -31.1709, 11.2019
Hunter-Lab	62.4789, -9.7582, 26.6449

Details

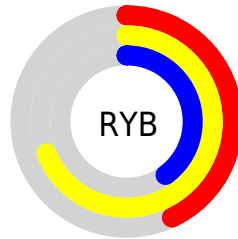
The Hex color **B1AA65** is a light color, and the websafe version is hex **999966**. A complement of this color would be **656CB1**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **EAE199**, and **7B7634** is the 20% darker color. If you saturate the color by 10%, you get **B1A853**, and if you desaturate by 10%, it is **B1AC77**.

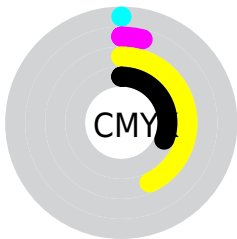
Distribution



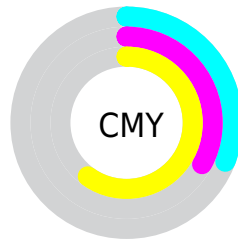
- Red (69%)
- Green (67%)
- Blue (40%)



- Red (43%)
- Yellow (69%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (43%)
- Black (31%)



- Cyan (31%)
- Magenta (33%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1AA65 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 B1AA65 by changing the saturation by 10% instead.



B1AA65



B1AA65

FFFFFF



96904C



EAE199



7B7634



FFFEB4



615D1C



FFFFD0



484602



FFFFED



303000



181B00



000000



B1AA65



B1AA65



B1A853



B1AC77

 B1A742

 B1AD88

 B1A530

 B1AF9A

 B1A31E

 B1B1AC

 B1A20C

 B1B2BD

 B1A100

 B1B4CF

 B1B5E1

 B1B7F3

 B1B9FF

Harmonies

Analogous

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



D09F68



B1AA65



8CB374

Triad

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



B1AA65



1AB8D3



DC90BE

Complementary

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



B1AA65



656CB1

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.



BD9ADA



B1AA65



52B1E7

Square

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



B1AA65



32BAB4



8DA7E9



E98E9C

Rectangle

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



B1AA65



70B787



8DA7E9



D493C8

Sweetspot

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



B1AA65



E6E3C8



B1656D



737160



F2F2F2



737373

Same Dimension

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



B1AA65



E6DB6E



93B165



595850



998B00



1A1700

Inverse Universe

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



656CB1



6E79E6



8365B1



505159



000E99



00021A

Previews

White Background



This preview shows how the Hex color B1AA65 looks on a white background.

Color Contrast Check

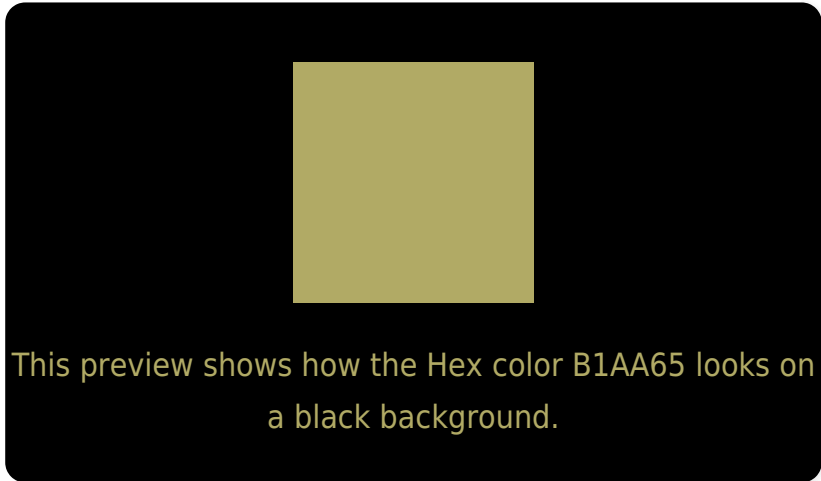
Large Text (above 18pt) WCAG AA × Fail

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

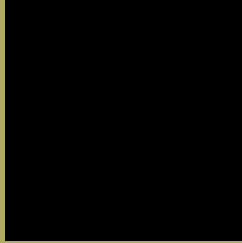
Any Text WCAG AA ✓ Pass

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 B1AA65 Background



This preview shows how black text looks on a background with the Hex color B1AA65.



This preview shows how white text looks on a background with the Hex color B1AA65.

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



Original Color
B1AA65

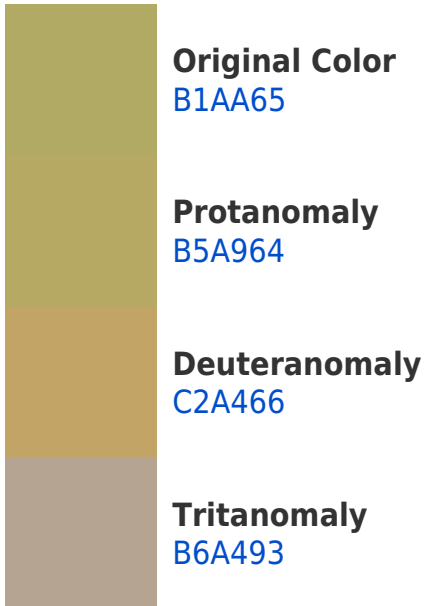
Protanopia
B8A864

Deuteranopia
CBA067

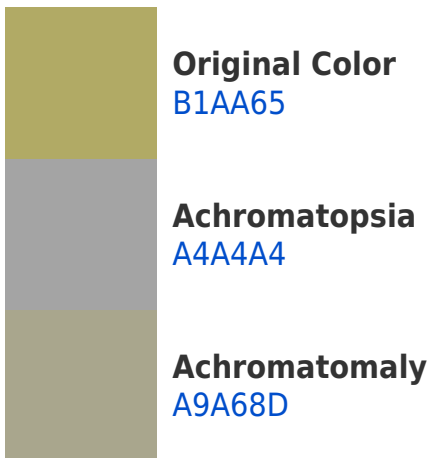


Tritanopia
B9A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1AA65 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 #B1AA65 looks like.

```
.text, #text, p{  
    color:#B1AA65  
}
```

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 #B1AA65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1AA65
}
```

Border

The CSS property to change the border of an element to Hex B1AA65 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
#B1AA65 }
```

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

```
.border{ border-color:#B1AA65 }
```

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

Here you see how a box with a 4 pixel #B1AA65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1AA65; -webkit-box-shadow:4px 4px  
4px 4px #B1AA65; box-shadow:4px 4px 4px  
4px #B1AA65 }
```

Background

The CSS property to change the background color of an element to Hex B1AA65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1AA65 }
```

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

```
.background{ background-color:#B1AA65 }
```

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