

# Converting Colors

Hex(B3AE65)

Have a look what the booklet for  
Hex(B3AE65) contains.

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# **Color**

**Hex(B3AE65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3AE65
RGB	179, 174, 101
RGB Percent	70%, 68%, 40%
CMY	0.2980, 0.3176, 0.6039
CMYK	0.00, 0.03, 0.44, 0.30
HSL	56°, 34%, 55%
HSV	56°, 44%, 70%
XYZ	36.0754, 40.7954, 18.2848
YIQ	167.1730, 26.4130, -21.6430

# Conversions

## Conversions Part 2

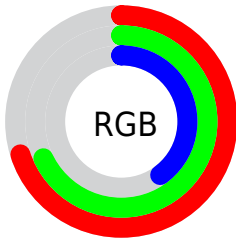
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 179, 101</a>
Decimal	<a href="#">11775589</a>
CIELab	<a href="#">70.03, -8.81, 37.99</a>
CIELCh	<a href="#">70, 38.999, 103.061</a>
Yxy	<a href="#">40.7954, 0.3791, 0.4287</a>
Android (android.graphics.Color)	<a href="#">4289965669 (0xFFB3AE65)</a>
YUV	<a href="#">167.1730, -32.6233, 10.3723</a>
Hunter-Lab	<a href="#">63.8713, -10.9553, 27.7366</a>

# Details

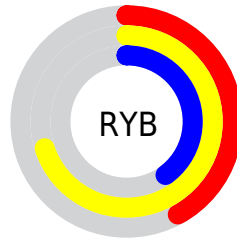
The Hex color **B3AE65** is a light color, and the websafe version is hex **999966**. A complement of this color would be **656AB3**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **ECE599**, and **7D7A34** is the 20% darker color. If you saturate the color by 10%, you get **B3AD53**, and if you desaturate by 10%, it is **B3AF77**.

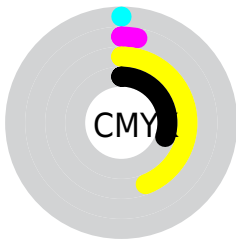
# Distribution



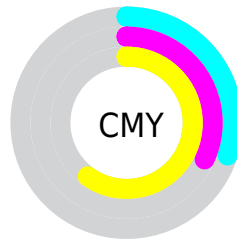
- Red (70%)
- Green (68%)
- Blue (40%)



- Red (42%)
- Yellow (70%)
- Blue (40%)



- Cyan (0%)
- Magenta (3%)
- Yellow (44%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3AE65 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 B3AE65 by changing the saturation by 10% instead.





B3AE65



B3AE65

FFFFFF



97934C



ECE599



7D7A34



FFFFB4



63611C



FFFF00



494901



FFFFED



323300



191E00



000000



B3AE65



B3AE65



B3AD53



B3AF77

 B3AC41

 B3B089

 B3AB2F

 B3B19B

 B3A91D

 B3B3AD

 B3A80C

 B3B4BF

 B3A800

 B3B5D0

 B3B6E2

 B3B7F4

 B3B8FF

# Harmonies

## Analogous

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



D4A268



B3AE65



8CB776

# Triad

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



B3AE65



00BCDA



E392C1

# Complementary

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



B3AE65



656AB3

# 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.



C39CDF



B3AE65



51B4EE

# Square

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



B3AE65



25BEBA



91A9F0



F0909D

# Rectangle

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



B3AE65



6EBB8A



91A9F0



DB95CC

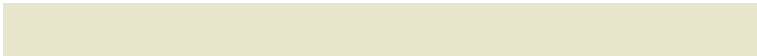


# Sweetspot

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



B3AE65



E8E6CA



B3656A



757463



F5F5F5



757575



# Same Dimension

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



B3AE65



E8E06F



91B365



595950



998F00



1A1800



# Inverse Universe

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



656AB3



6F77E8



8765B3



505159



000A99



00021A



# Previews

## White Background



This preview shows how the Hex color B3AE65 looks on a white background.

## Color Contrast Check

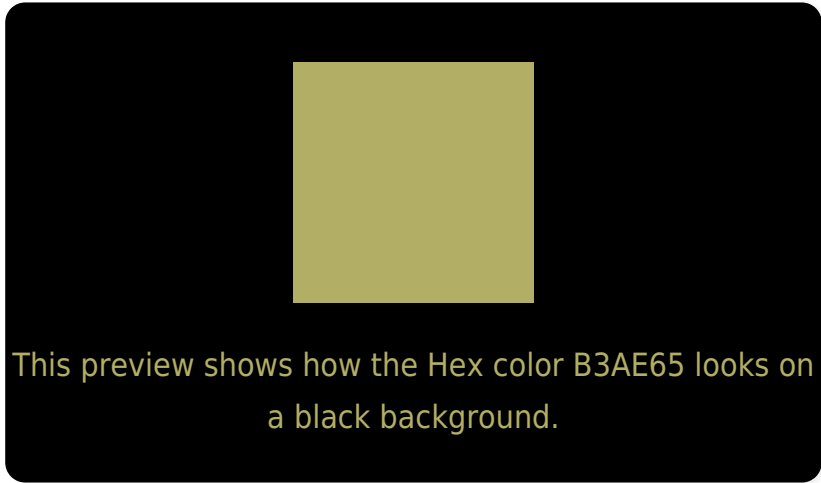
Large Text (above 18pt) WCAG AA × Fail

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

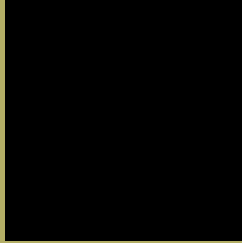
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3AE65 Background



This preview shows how black text looks on a background with the Hex color B3AE65.



This preview shows how white text looks on a background with the Hex color B3AE65.

# 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



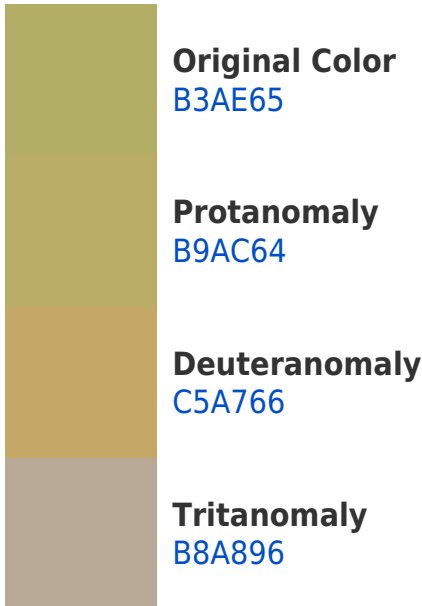
**Original Color**  
B3AE65

**Protanopia**  
BCAB64

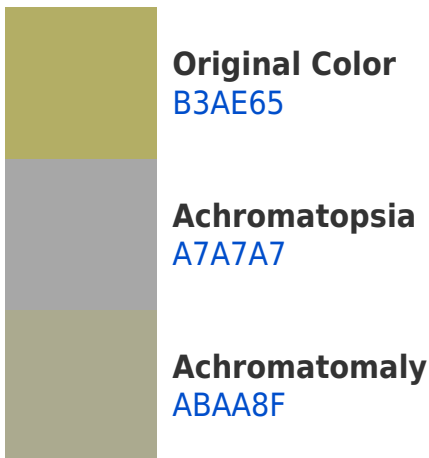
**Deuteranopia**  
CFA367



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3AE65 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 #B3AE65 looks like.

```
.text, #text, p{  
    color:#B3AE65  
}
```

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 #B3AE65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3AE65
}
```

## Border

The CSS property to change the border of an element to Hex B3AE65 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
#B3AE65 }
```

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

```
.border{ border-color:#B3AE65 }
```

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

Here you see how a box with a 4 pixel #B3AE65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3AE65; -webkit-box-shadow:4px 4px  
4px 4px #B3AE65; box-shadow:4px 4px 4px  
4px #B3AE65 }
```

# Background

The CSS property to change the background color of an element to Hex B3AE65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3AE65 }
```

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

```
.background{ background-color:#B3AE65 }
```

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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