

# Converting Colors

Hex(B7AA6E)

Have a look what the booklet for  
Hex(B7AA6E) contains.

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# **Color**

**Hex(B7AA6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B7AA6E</a>
RGB	183, 170, 110
RGB Percent	72%, 67%, 43%
CMY	0.2824, 0.3333, 0.5686
CMYK	0.00, 0.07, 0.40, 0.28
HSL	49°, 34%, 57%
HSV	49°, 40%, 72%
XYZ	36.7176, 39.9425, 20.5263
YIQ	167.0470, 27.0080, -15.9040

# Conversions

## Conversions Part 2

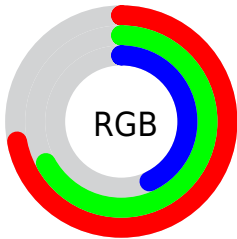
Format	Color
<a href="#">RYB</a>	<a href="#">126, 183, 110</a>
Decimal	<a href="#">12036718</a>
CIELab	<a href="#">69.43, -4.08, 32.61</a>
CIELCh	<a href="#">69, 32.866, 97.122</a>
Yxy	<a href="#">39.9425, 0.3778, 0.4110</a>
Android (android.graphics.Color)	<a href="#">4290226798 (0xFFB7AA6E)</a>
YUV	<a href="#">167.0470, -28.1242, 13.9908</a>
Hunter-Lab	<a href="#">63.2001, -6.8962, 24.9837</a>

# Details

The Hex color **B7AA6E** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6E7BB7**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **F0E1A2**, and **81763D** is the 20% darker color. If you saturate the color by 10%, you get **B7A75C**, and if you desaturate by 10%, it is **B7AD80**.

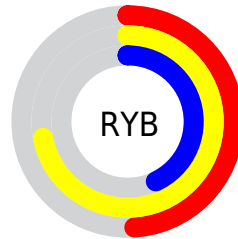
# Distribution



Red (72%)

Green (67%)

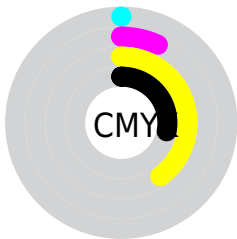
Blue (43%)



Red (49%)

Yellow (72%)

Blue (43%)

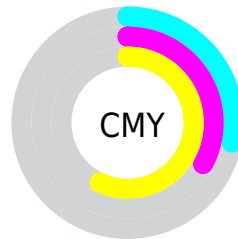


Cyan (0%)

Magenta (7%)

Yellow (40%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7AA6E 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 B7AA6E by changing the saturation by 10% instead.



 B7AA6E

 B7AA6E

FFFFFF

 9B9055

 F0E1A2

 81763D

 FFFEBE

 675D26

 FFFFDA

 4D460E

 FFFFF6

 363000

 1E1B00

 000000

 B7AA6E

 B7AA6E

 B7A75C

 B7AD80

 B7A349

 B7B193

 B7A037

 B7B4A5

 B79D25

 B7B7B7

 B79A13

 B7BACA

 B79600

 B7BEDC

 B7C1EE

 B7C4FF

 B7C7FF

# Harmonies

## Analogous

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



D1A073



B7AA6E



97B279

# Triad

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



B7AA6E



42B8CC



D596C1

# Complementary

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



B7AA6E



6E7BB7

# 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.



B79FD9



B7AA6E



5EB3E0

# Square

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



B7AA6E



51BAB0



8CAAE4



E493A3

# Rectangle

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



B7AA6E



7FB688



8CAAE4



CD99CA



# Sweetspot

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



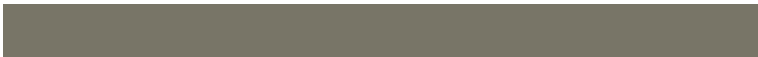
B7AA6E



EDE8D1



B76E7B



787567



F7F7F7



787878



# Same Dimension

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



B7AA6E



EDD97B



A0B76E



5C5A53



9C8000



1C1700



# Inverse Universe

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



6E7BB7



7B90ED



856EB7



53545C



001C9C



00051C



# Previews

## White Background



This preview shows how the Hex color B7AA6E looks on a white background.

## Color Contrast Check

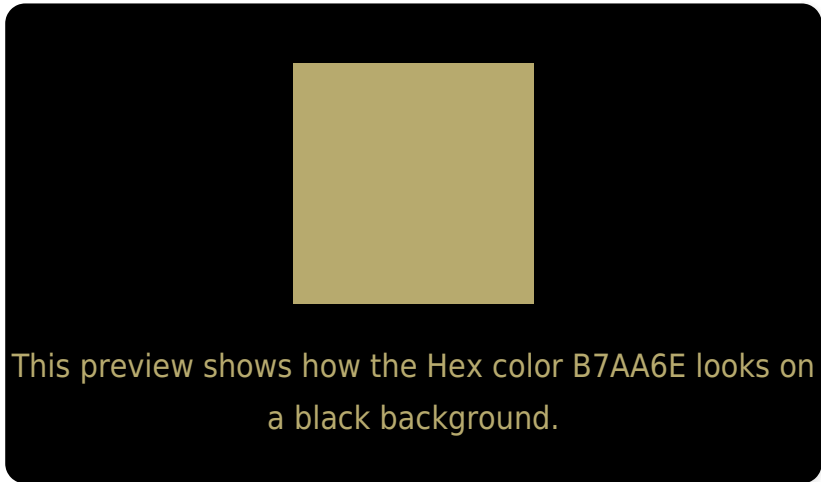
Large Text (above 18pt) WCAG AA × Fail

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

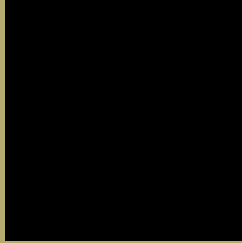
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7AA6E Background



This preview shows how black text looks on a background with the Hex color B7AA6E.



This preview shows how white text looks on a background with the Hex color B7AA6E.

# 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**  
B7AA6E

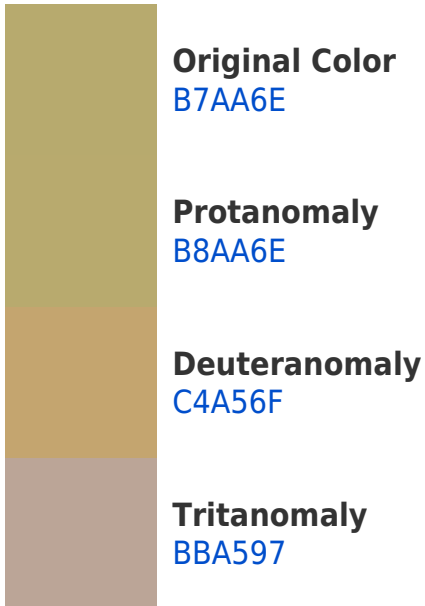
**Protanopia**  
B8AA6E

**Deuteranopia**  
CCA270

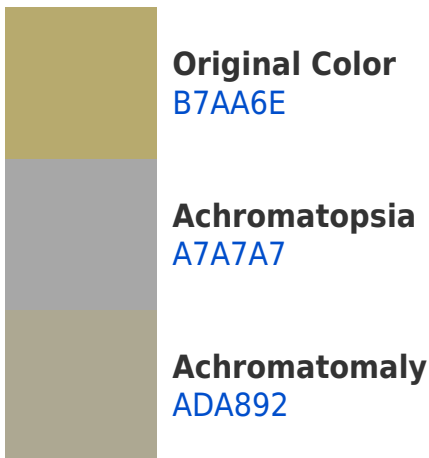


**Tritanopia**  
BEA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7AA6E 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 #B7AA6E looks like.

```
.text, #text, p{  
    color:#B7AA6E  
}
```

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 #B7AA6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7AA6E
}
```

## Border

The CSS property to change the border of an element to Hex B7AA6E 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
#B7AA6E }
```

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

```
.border{ border-color:#B7AA6E }
```

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

Here you see how a box with a 4 pixel #B7AA6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7AA6E; -webkit-box-shadow:4px 4px  
4px 4px #B7AA6E; box-shadow:4px 4px 4px  
4px #B7AA6E }
```

# Background

The CSS property to change the background color of an element to Hex B7AA6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7AA6E }
```

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

```
.background{ background-color:#B7AA6E }
```

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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