

# Converting Colors

Hex(B3A56E)

Have a look what the booklet for  
Hex(B3A56E) contains.

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# Color

Hex(B3A56E)

# Conversions

## Conversions Part 1

Format	Color
Hex	B3A56E
RGB	179, 165, 110
RGB Percent	70%, 65%, 43%
CMY	0.2980, 0.3529, 0.5686
CMYK	0.00, 0.08, 0.39, 0.30
HSL	48°, 31%, 57%
HSV	48°, 39%, 70%
XYZ	34.8600, 37.6198, 20.1759
YIQ	162.9160, 25.9990, -14.1370

# Conversions

## Conversions Part 2

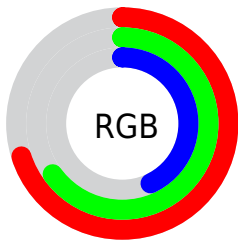
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 179, 110
Decimal	11773294
CIELab	67.74, -3.04, 30.36
CIELCh	68, 30.509, 95.722
Yxy	37.6198, 0.3762, 0.4060
Android (android.graphics.Color)	4289963374 (0xFFB3A56E)
YUV	162.9160, -26.0876, 14.1057
Hunter-Lab	61.3350, -5.8848, 23.4313

# Details

The Hex color **B3A56E** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6E7CB3**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **ECDCA2**, and **7D713D** is the 20% darker color. If you saturate the color by 10%, you get **B3A15C**, and if you desaturate by 10%, it is **B3A980**.

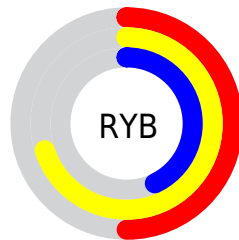
# Distribution



Red (70%)

Green (65%)

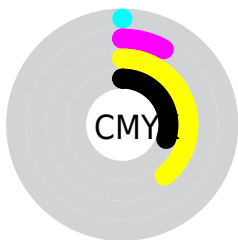
Blue (43%)



Red (50%)

Yellow (70%)

Blue (43%)

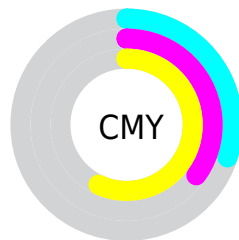


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3A56E 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 B3A56E by changing the saturation by 10% instead.





B3A56E



B3A56E

FFFFFF



988B55



ECDCA2



7D713D



FFF8BD



635926



FFFFD9



4A420F



FFFFF6



332C00



1B1800



000000



B3A56E



B3A56E



B3A15C



B3A980

 B39E4A

 B3AC92

 B39A38

 B3B0A4

 B39626

 B3B4B6

 B39315

 B3B7C8

 B38F03

 B3BBD9

 B38F00

 B3BEEB

 B3C2FD

 B3C6FF

# Harmonies

## Analogous

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



CB9C74



B3A56E



95AD78

# Triad

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



B3A56E



4AB3C4



CD94BC

# Complementary

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



B3A56E



6E7CB3

# 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.



B09CD2



B3A56E



60AED6

# Square

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



B3A56E



57B4AA



88A6DB



DB90A1

# Rectangle

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



B3A56E



80B185



88A6DB



C496C4



# Sweetspot

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



B3A56E



E8E2CC



B36E7D



757265



F5F5F5



757575



# Same Dimension

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



B3A56E



E8D27D



9FB36E



595750



997A00



1A1400



# Inverse Universe

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



6E7CB3



7D93E8



826EB3



505259



001F99



00051A



# Previews

## White Background



This preview shows how the Hex color B3A56E looks on a white background.

## Color Contrast Check

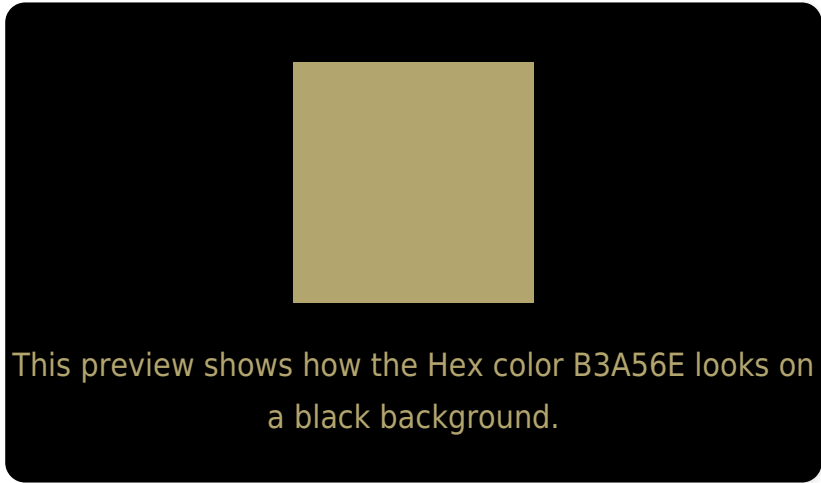
Large Text (above 18pt) WCAG AA × Fail

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

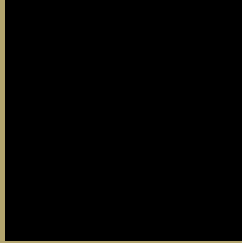
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3A56E Background



This preview shows how black text looks on a background with the Hex color B3A56E.



This preview shows how white text looks on a background with the Hex color B3A56E.

# 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**  
B3A56E

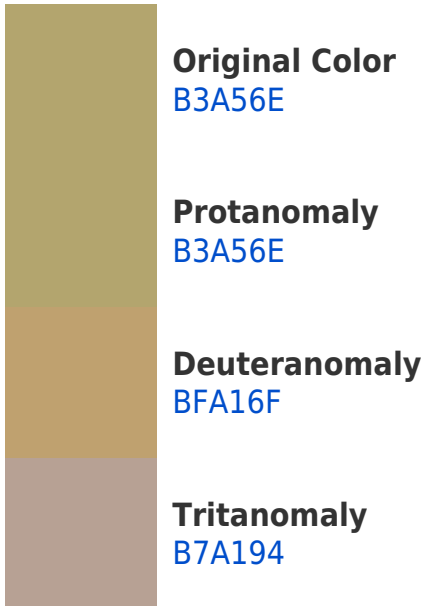
**Protanopia**  
B3A56E

**Deuteranopia**  
C69E70

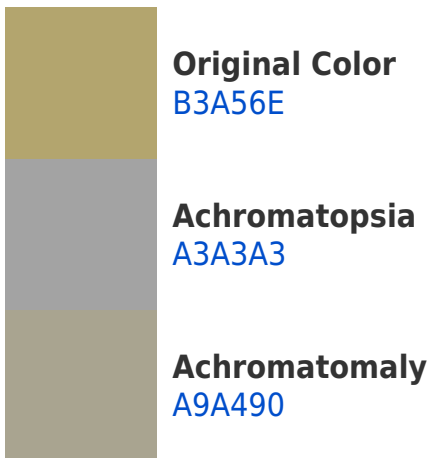


**Tritanopia**  
BA9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3A56E 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 #B3A56E looks like.

```
.text, #text, p{  
    color:#B3A56E  
}
```

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 #B3A56E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3A56E
}
```

## Border

The CSS property to change the border of an element to Hex B3A56E 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
#B3A56E }
```

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

```
.border{ border-color:#B3A56E }
```

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

Here you see how a box with a 4 pixel #B3A56E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3A56E; -webkit-box-shadow:4px 4px  
4px 4px #B3A56E; box-shadow:4px 4px 4px  
4px #B3A56E }
```

# Background

The CSS property to change the background color of an element to Hex B3A56E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3A56E }
```

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

```
.background{ background-color:#B3A56E }
```

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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