

# Converting Colors

Hex(B3A15E)

Have a look what the booklet for  
Hex(B3A15E) contains.

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# **Color**

**Hex(B3A15E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3A15E
RGB	179, 161, 94
RGB Percent	70%, 63%, 37%
CMY	0.2980, 0.3686, 0.6314
CMYK	0.00, 0.10, 0.47, 0.30
HSL	47°, 36%, 54%
HSV	47°, 47%, 70%
XYZ	33.3557, 35.8816, 15.7575
YIQ	158.7440, 32.2350, -17.0210

# Conversions

## Conversions Part 2

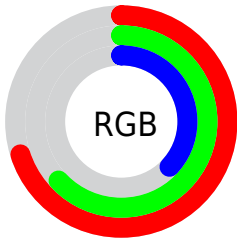
Format	Color
<a href="#">RYB</a>	<a href="#">117, 179, 94</a>
Decimal	<a href="#">11772254</a>
CIELab	<a href="#">66.43, -2.62, 37.12</a>
CIELCh	<a href="#">66, 37.208, 94.037</a>
Yxy	<a href="#">35.8816, 0.3924, 0.4222</a>
Android (android.graphics.Color)	<a href="#">4289962334</a> ( <a href="#">0xFFB3A15E</a> )
YUV	<a href="#">158.7440, -31.9188, 17.7645</a>
Hunter-Lab	<a href="#">59.9012, -5.4305, 26.3342</a>

# Details

The Hex color **B3A15E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5E70B3**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **ECD892**, and **7C6E2D** is the 20% darker color. If you saturate the color by 10%, you get **B39D4C**, and if you desaturate by 10%, it is **B3A570**.

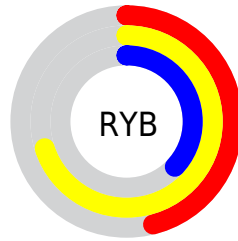
# Distribution



Red (70%)

Green (63%)

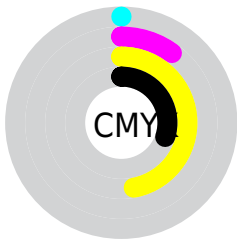
Blue (37%)



Red (46%)

Yellow (70%)

Blue (37%)

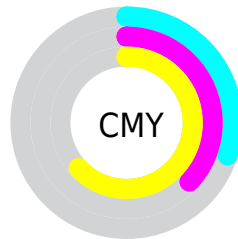


Cyan (0%)

Magenta (10%)

Yellow (47%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3A15E 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 B3A15E by changing the saturation by 10% instead.



 B3A15E

 B3A15E

FFFFFF

 978745

 ECD892

 7C6E2D

 FFF4AD

 625515

 FFFFC8

 493E00

 FFFFEE

 302900

 181500

 000000

 B3A15E

 B3A15E

 B39D4C

 B3A570

 B3993A

 B3A982

 B39628

 B3AC94

 B39216

 B3B0A6

 B38E05

 B3B4B8

 B38D00

 B3B8C9

 B3BCDB

 B3BFED

 B3C3FF

# Harmonies

## Analogous

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



CF9566



B3A15E



90AB69

# Triad

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



B3A15E



00B2C6



CF8CBF

# Complementary

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



B3A15E



5E70B3

# 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.



AB97D9



B3A15E



39ADDD

# Square

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



B3A15E



36B3A5



78A3E4



E1879E

# Rectangle

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



B3A15E



75AF79



78A3E4



C58FC9



# Sweetspot

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



B3A15E



E8E1C8



B35E70



757161



F5F5F5



757575



# Same Dimension

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



B3A15E



E8CC64



9BB35E



595750



997900



1A1400



# Inverse Universe

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



5E70B3



6480E8



765EB3



505259



002099



00051A



# Previews

## White Background



This preview shows how the Hex color B3A15E looks on a white background.

## Color Contrast Check

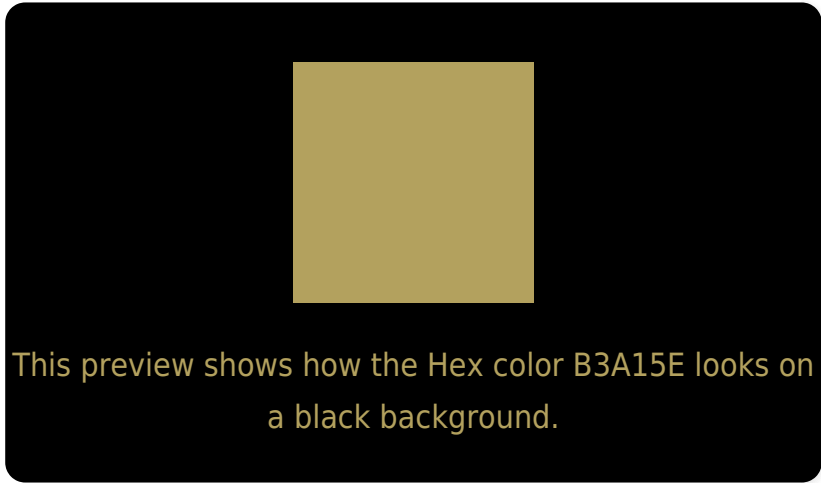
Large Text (above 18pt) WCAG AA × Fail

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

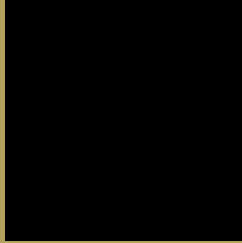
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3A15E Background



This preview shows how black text looks on a background with the Hex color B3A15E.



This preview shows how white text looks on a background with the Hex color B3A15E.

# 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**  
B3A15E

**Protanopia**  
B1A25E

**Deuteranopia**  
C49A60

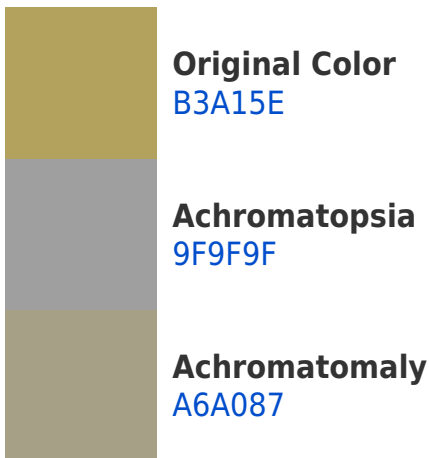


**Tritanopia**  
BA99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3A15E 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 #B3A15E looks like.

```
.text, #text, p{  
    color:#B3A15E  
}
```

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 #B3A15E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3A15E
}
```

## Border

The CSS property to change the border of an element to Hex B3A15E 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
#B3A15E }
```

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

```
.border{ border-color:#B3A15E }
```

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

Here you see how a box with a 4 pixel #B3A15E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3A15E; -webkit-box-shadow:4px 4px  
4px 4px #B3A15E; box-shadow:4px 4px 4px  
4px #B3A15E }
```

# Background

The CSS property to change the background color of an element to Hex B3A15E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3A15E }
```

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

```
.background{ background-color:#B3A15E }
```

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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