

# Converting Colors

Hex(B39F5E)

Have a look what the booklet for  
Hex(B39F5E) contains.

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# **Color**

**Hex(B39F5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B39F5E
RGB	179, 159, 94
RGB Percent	70%, 62%, 37%
CMY	0.2980, 0.3765, 0.6314
CMYK	0.00, 0.11, 0.47, 0.30
HSL	46°, 36%, 54%
HSV	46°, 47%, 70%
XYZ	33.0089, 35.1881, 15.6419
YIQ	157.5700, 32.7850, -15.9750

# Conversions

## Conversions Part 2

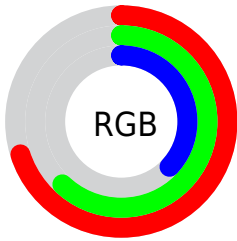
Format	Color
<a href="#">RYB</a>	<a href="#">120, 179, 94</a>
Decimal	<a href="#">11771742</a>
CIELab	<a href="#">65.89, -1.54, 36.45</a>
CIELCh	<a href="#">66, 36.484, 92.422</a>
Yxy	<a href="#">35.1881, 0.3937, 0.4197</a>
Android (android.graphics.Color)	<a href="#">4289961822 (0xFFB39F5E)</a>
YUV	<a href="#">157.5700, -31.3400, 18.7941</a>
Hunter-Lab	<a href="#">59.3196, -4.4813, 25.8896</a>

# Details

The Hex color **B39F5E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5E72B3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ECD692**, and **7C6C2E** is the 20% darker color. If you saturate the color by 10%, you get **B39B4C**, and if you desaturate by 10%, it is **B3A370**.

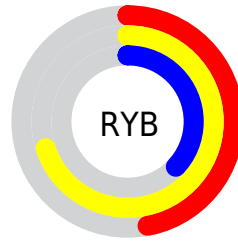
# Distribution



Red (70%)

Green (62%)

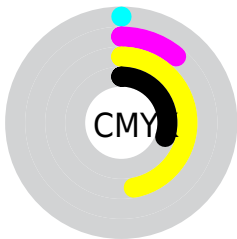
Blue (37%)



Red (47%)

Yellow (70%)

Blue (37%)

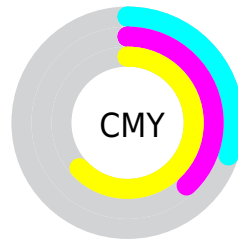


Cyan (0%)

Magenta (11%)

Yellow (47%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B39F5E 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 B39F5E by changing the saturation by 10% instead.





B39F5E



B39F5E

FFFFFF



978545



ECD692



7C6C2E



FFF2AC



625416



FFFFC8



493D00



FFFFE4



302700



181300



000000



B39F5E



B39F5E



B39B4C



B3A370

 B3973A

 B3A782

 B39228

 B3AC94

 B38E16

 B3B0A6

 B38A05

 B3B4B8

 B38900

 B3B8C9

 B3BCDB

 B3C1ED

 B3C5FF

# Harmonies

## Analogous

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



CE9467



B39F5E



91A968

# Triad

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



B39F5E



04B1C2



CC8CBF

# Complementary

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



B39F5E



5E72B3

# 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.



A797D7



B39F5E



38ABD9

# Square

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



B39F5E



3BB2A2



75A2E1



DE869F

# Rectangle

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



B39F5E



77AD77



75A2E1



C18FC8

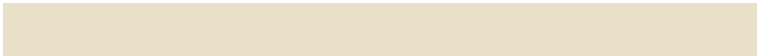


# Sweetspot

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



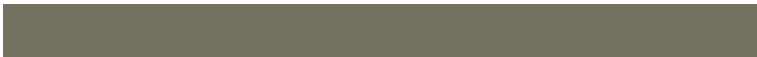
B39F5E



E8E0C8



B35E73



757161



F5F5F5



757575



# Same Dimension

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



B39F5E



E8C964



9EB35E



595750



997500



1A1400



# Inverse Universe

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



5E72B3



6483E8



735EB3



505259



002499



00061A



# Previews

## White Background



This preview shows how the Hex color B39F5E looks on a white background.

## Color Contrast Check

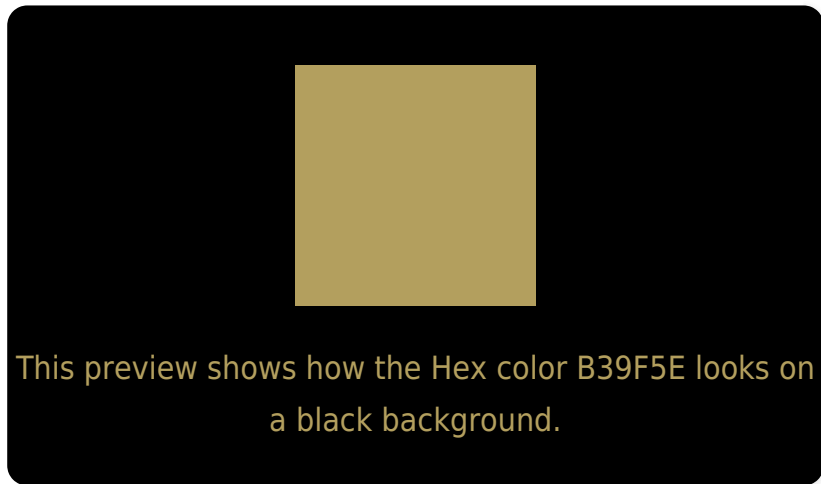
Large Text (above 18pt) WCAG AA × Fail

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

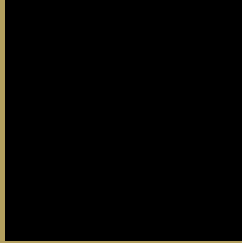
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B39F5E Background



This preview shows how black text looks on a background with the Hex color B39F5E.



This preview shows how white text looks on a background with the Hex color B39F5E.

# 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**  
B39F5E

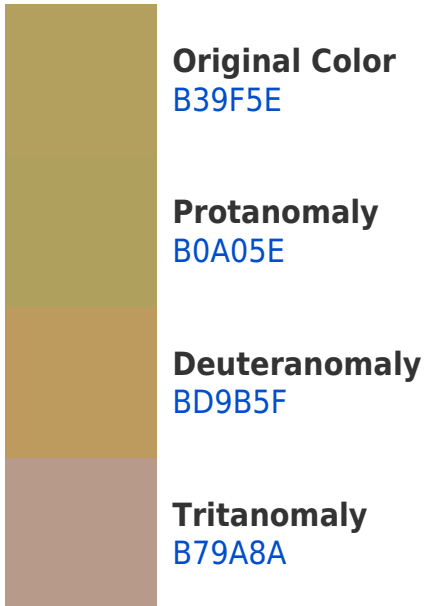
**Protanopia**  
AFA05E

**Deuteranopia**  
C2995F

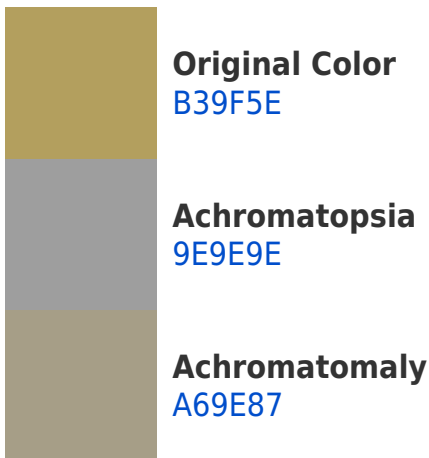


**Tritanopia**  
BA97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B39F5E 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 #B39F5E looks like.

```
.text, #text, p{  
    color:#B39F5E  
}
```

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 #B39F5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B39F5E
}
```

## Border

The CSS property to change the border of an element to Hex B39F5E 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
#B39F5E }
```

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

```
.border{ border-color:#B39F5E }
```

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

Here you see how a box with a 4 pixel #B39F5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B39F5E; -webkit-box-shadow:4px 4px  
4px 4px #B39F5E; box-shadow:4px 4px 4px  
4px #B39F5E }
```

# Background

The CSS property to change the background color of an element to Hex B39F5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B39F5E }
```

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

```
.background{ background-color:#B39F5E }
```

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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