

Converting Colors

Hex(B39347)

Have a look what the booklet for
Hex(B39347) contains.

Hex(B39347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B39347)

Conversions

Conversions Part 1

Format	Color
Hex	B39347
RGB	179, 147, 71
RGB Percent	70%, 58%, 28%
CMY	0.2980, 0.4235, 0.7216
CMYK	0.00, 0.18, 0.60, 0.30
HSL	42°, 43%, 49%
HSV	42°, 60%, 70%
XYZ	30.1615, 30.9061, 10.3370
YIQ	147.9040, 43.4680, -16.8520

Conversions

Conversions Part 2

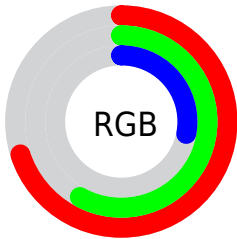
Format	Color
RYB	116, 179, 71
Decimal	11768647
CIELab	62.43, 2.99, 43.98
CIELCh	62, 44.085, 86.112
Yxy	30.9061, 0.4224, 0.4328
Android (android.graphics.Color)	4289958727 (0xFFB39347)
YUV	147.9040, -37.9137, 27.2712
Hunter-Lab	55.5932, -0.4451, 27.8909

Details

The Hex color **B39347** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4767B3**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **EDC97A**, and **7B6114** is the 20% darker color. If you saturate the color by 10%, you get **B38E35**, and if you desaturate by 10%, it is **B39859**.

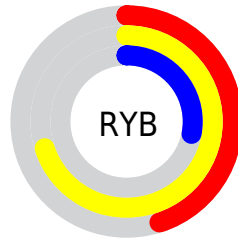
Distribution



Red (70%)

Green (58%)

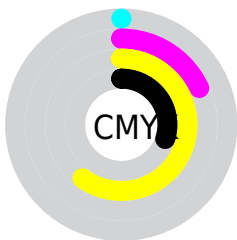
Blue (28%)



Red (45%)

Yellow (70%)

Blue (28%)

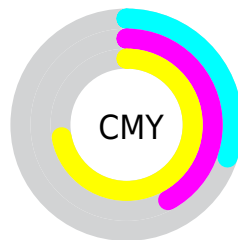


Cyan (0%)

Magenta (18%)

Yellow (60%)

Black (30%)



Cyan (30%)

Magenta (42%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color B39347 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 B39347 by changing the saturation by 10% instead.



B39347



B39347

FFFFFF



97792E



EDC97A



7B6114



FFE594



604900



FFFFB0



473300



FFFFCB



2D1E00



FFFFE8



130600



000000



B39347



B39347



B38E35



B39859

 B38823

 B39E6B

 B38311

 B3A37D

 B37E00

 B3A88F

 B3AEA1

 B3B3B2

 B3B8C4

 B3BDD6

 B3C3E8

Harmonies

Analogous

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



D18557



B39347



8C9F4E

Triad

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



B39347



00ABB8



C380C3

Complementary

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



B39347



4767B3

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.



928FDD



B39347



00A6D7

Square

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



B39347



00AB90



469DE5



DD779E

Rectangle

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



B39347



6EA55F



469DE5



B585CE

Sweetspot

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



B39347



E8DCBE



B34767



756E5B



F5F5F5



757575

Same Dimension

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



B39347



E8B741



9DB347



595750



996C00



1A1200

Inverse Universe

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



4767B3



4172E8



5D47B3



505359



002D99



00081A

Previews

White Background



This preview shows how the Hex color B39347 looks on a white background.

Color Contrast Check

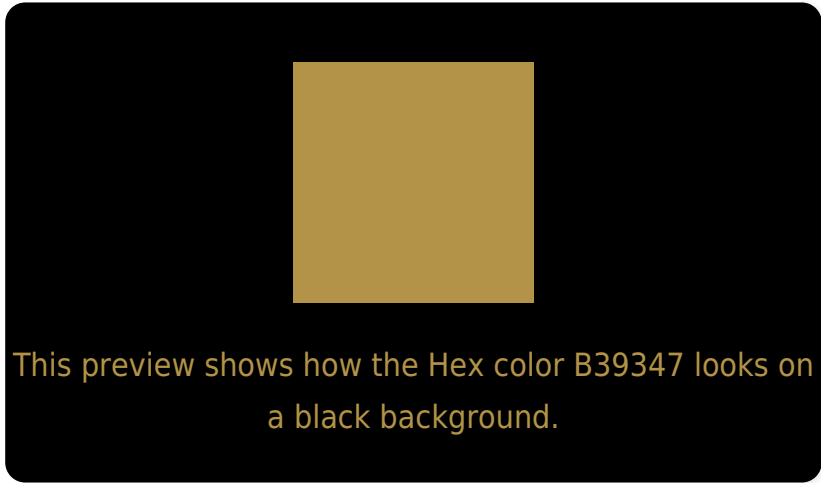
Large Text (above 18pt) WCAG AA × Fail

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

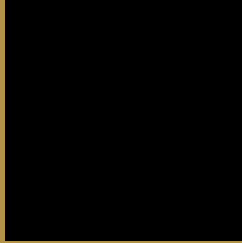
Any Text WCAG AA ✓ Pass

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 B39347 Background



This preview shows how black text looks on a background with the Hex color B39347.



This preview shows how white text looks on a background with the Hex color B39347.

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
B39347

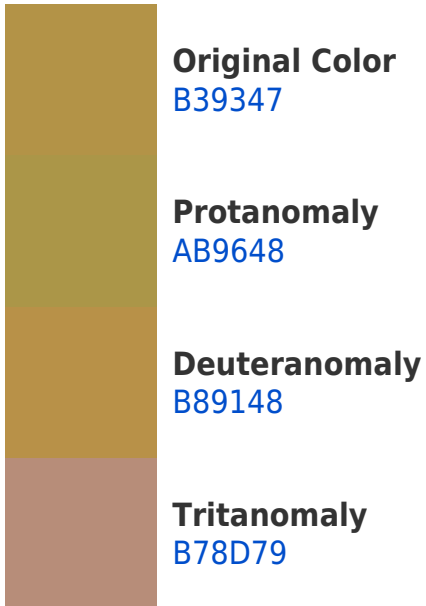
Protanopia
A79748

Deuteranopia
BB9048

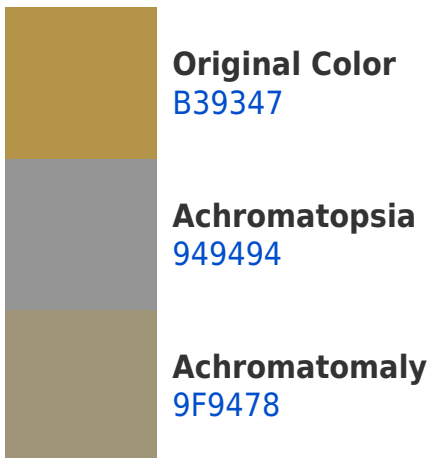


Tritanopia
B98A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B39347 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 #B39347 looks like.

```
.text, #text, p{  
    color:#B39347  
}
```

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 #B39347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B39347
}
```

Border

The CSS property to change the border of an element to Hex B39347 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
#B39347 }
```

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

```
.border{ border-color:#B39347 }
```

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

Here you see how a box with a 4 pixel #B39347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B39347; -webkit-box-shadow:4px 4px  
4px 4px #B39347; box-shadow:4px 4px 4px  
4px #B39347 }
```

Background

The CSS property to change the background color of an element to Hex B39347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B39347 }
```

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

```
.background{ background-color:#B39347 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor