

Converting Colors

Hex(B39B00)

Have a look what the booklet for
Hex(B39B00) contains.

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Color

Hex(B39B00)

Conversions

Conversions Part 1

Format	Color
Hex	B39B00
RGB	179, 155, 0
RGB Percent	70%, 61%, 0%
CMY	0.2980, 0.3922, 1.0000
CMYK	0.00, 0.13, 1.00, 0.30
HSL	52°, 100%, 35%
HSV	52°, 100%, 70%
XYZ	30.3118, 33.0264, 4.7771
YIQ	144.5060, 64.0590, -43.1170

Conversions

Conversions Part 2

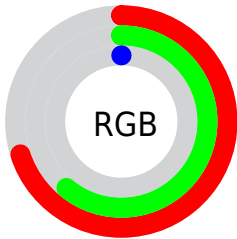
Format	Color
R _Y B	28, 179, 0
Decimal	11770624
CIE Lab	64.18, -4.01, 67.71
CIE LCh	64, 67.824, 93.386
Yxy	33.0264, 0.4450, 0.4849
Android (android.graphics.Color)	4289960704 (0xFFB39B00)
YUV	144.5060, -71.2415, 30.2512
Hunter-Lab	57.4686, -6.4204, 35.2995

Details

The Hex color **B39B00** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0018B3**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **EFD14A**, and **796800** is the 20% darker color. If you saturate the color by 10%, you get **B39B00**, and if you desaturate by 10%, it is **B39D12**.

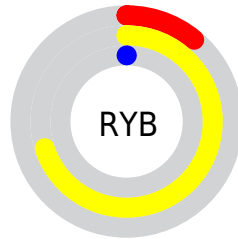
Distribution



Red (70%)

Green (61%)

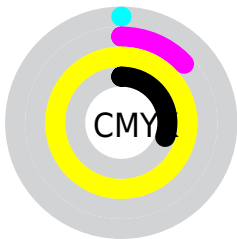
Blue (0%)



Red (11%)

Yellow (70%)

Blue (0%)

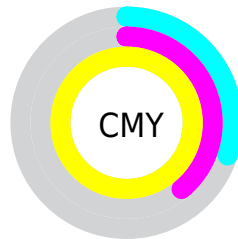


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B39B00 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 B39B00 by changing the saturation by 10% instead.

 B39B00

 B39B00

FFFFFF

 968100

 EFD14A

 796800

 FFED66

 5E5100

 FFFF81

 433A00

 FFFF9D

 292500

 FFFFBA

 0D1000

 FFFFD7

 000000

 FFFFF4

 B39B00

 B39D12

 B3A024

 B3A236

 B3A548

 B3A75A

 B3A96B

 B3AC7D

 B3AE8F

 B3B1A1

Harmonies

Analogous

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



E38429



B39B00



75AB2A

Triad

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



B39B00



00B7DD



EA6DD3

Complementary

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



B39B00



0018B3

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.



A488FF



B39B00



00B0FF

Square

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



B39B00



00B8A1



00A1FF



FF5E97

Rectangle

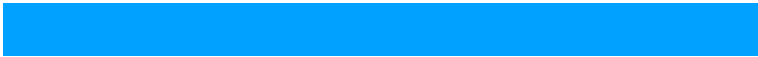
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B39B00



36B24F



00A1FF



D776E5

Sweetspot

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



B39B00



E8DFA2



B3001B



75704B



F5F5F5



757575

Same Dimension

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



B39B00



E8C900



74B300



595850



998400



1A1600

Inverse Universe

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



0018B3



001FE8



3F00B3



505259



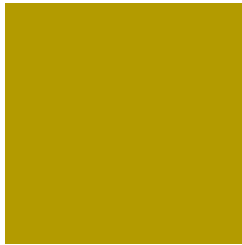
001599



00031A

Previews

White Background



This preview shows how the Hex color B39B00 looks on a white background.

Color Contrast Check

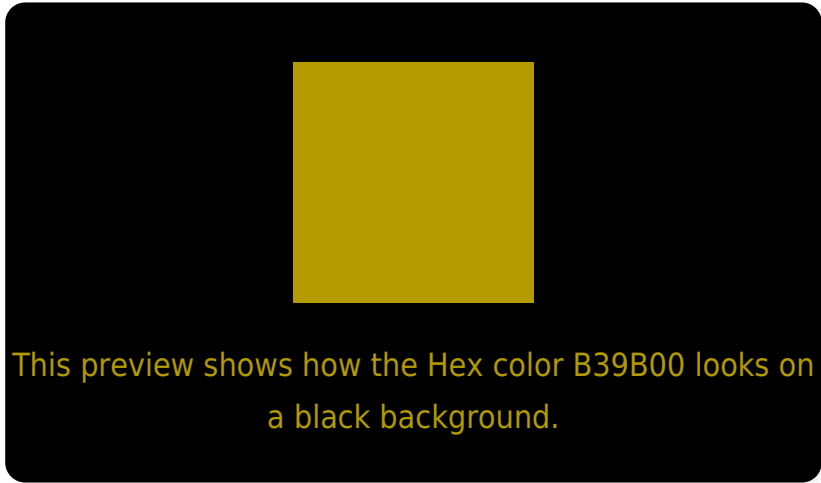
Large Text (above 18pt) WCAG AA × Fail

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 B39B00 Background



This preview shows how black text looks on a background with the Hex color B39B00.

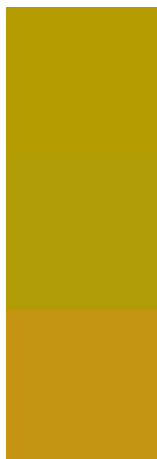


This preview shows how white text looks on a background with the Hex color B39B00.

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
B39B00

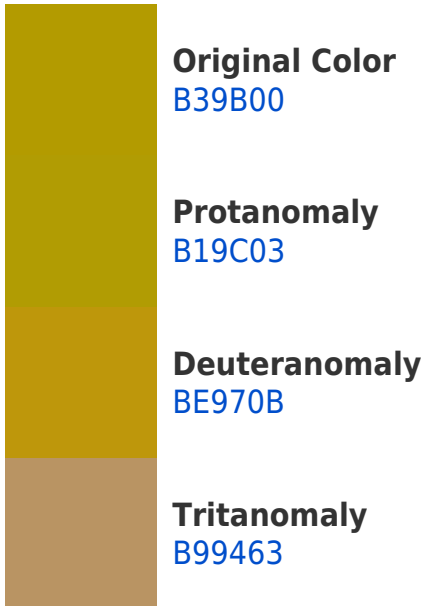
Protanopia
B09C04

Deuteranopia
C59412



Tritanopia
BC909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B39B00 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 #B39B00 looks like.

```
.text, #text, p{  
    color:#B39B00  
}
```

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 #B39B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B39B00
}
```

Border

The CSS property to change the border of an element to Hex B39B00 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
#B39B00 }
```

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

```
.border{ border-color:#B39B00 }
```

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

Here you see how a box with a 4 pixel #B39B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B39B00; -webkit-box-shadow:4px 4px  
4px 4px #B39B00; box-shadow:4px 4px 4px  
4px #B39B00 }
```

Background

The CSS property to change the background color of an element to Hex B39B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B39B00 }
```

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

```
.background{ background-color:#B39B00 }
```

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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