

# Converting Colors

Hex(B39826)

Have a look what the booklet for  
Hex(B39826) contains.

<b>Hex(B39826)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B39826)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B39826
RGB	179, 152, 38
RGB Percent	70%, 60%, 15%
CMY	0.2980, 0.4039, 0.8510
CMYK	0.00, 0.15, 0.79, 0.30
HSL	49°, 65%, 43%
HSV	49°, 79%, 70%
XYZ	30.1685, 32.1801, 6.4551
YIQ	147.0770, 52.6860, -29.7300

# Conversions

## Conversions Part 2

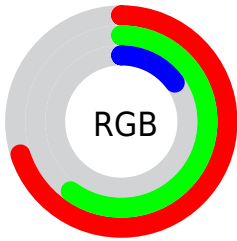
Format	Color
<a href="#">RYB</a>	<a href="#">71, 179, 38</a>
Decimal	<a href="#">11769894</a>
CIELab	<a href="#">63.49, -1.57, 59.07</a>
CIELCh	<a href="#">63, 59.090, 91.520</a>
Yxy	<a href="#">32.1801, 0.4385, 0.4677</a>
Android (android.graphics.Color)	<a href="#">4289959974 (0xFFB39826)</a>
YUV	<a href="#">147.0770, -53.7750, 27.9965</a>
Hunter-Lab	<a href="#">56.7275, -4.3444, 32.9626</a>

# Details

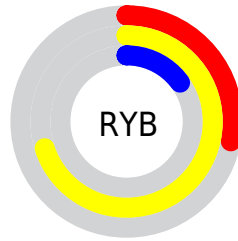
The Hex color **B39826** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2641B3**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **EECE5D**, and **7A6600** is the 20% darker color. If you saturate the color by 10%, you get **B39514**, and if you desaturate by 10%, it is **B39B38**.

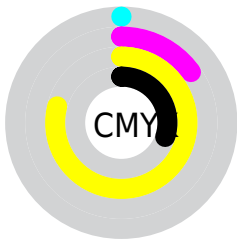
# Distribution



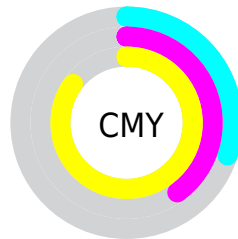
- Red (70%)
- Green (60%)
- Blue (15%)



- Red (28%)
- Yellow (70%)
- Blue (15%)



- Cyan (0%)
- Magenta (15%)
- Yellow (79%)
- Black (30%)



- Cyan (30%)
- Magenta (40%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B39826 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 B39826 by changing the saturation by 10% instead.



 B39826

 B39826

FFFFFF

 967E00

 EECE5D

 7A6600

 FFEA78

 5F4E00

 FFFF93

 443700

 FFFFAF

 2A2200

 FFFFCB

 0F0D00

 FFFF E8

 000000

 B39826

 B39826

 B39514

 B39B38

 B39102

 B39F4A

 B39100

 B3A25C

 B3A66E

 B3A980

 B3AD91

 B3B0A3

 B3B3B5

 B3B7C7

# Harmonies

## Analogous

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



DD843C



B39826



7EA739

# Triad

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



B39826



00B2CF



DC75CD

# Complementary

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



B39826



2641B3

# 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.



9E8BF4



B39826



00ACF6

# Square

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



B39826



00B39B



009FFF



F76999

# Rectangle

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



B39826



4FAD55



009FFF



CB7CDC



# Sweetspot

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



B39826



E8DDB0



B32642



756F53



F5F5F5



757575



# Same Dimension

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



B39826



E8BE0C



89B326



595850



997C00



1A1500



# Inverse Universe

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



2641B3



0C36E8



5026B3



505259



001D99

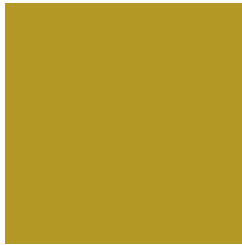


00051A



# Previews

## White Background



This preview shows how the Hex color B39826 looks on a white background.

## Color Contrast Check

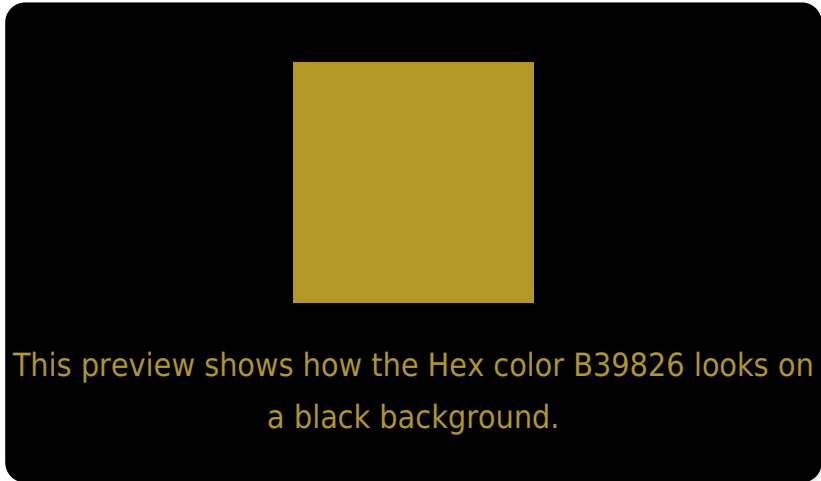
Large Text (above 18pt) WCAG AA × Fail

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 B39826 Background



This preview shows how black text looks on a background with the Hex color B39826.



This preview shows how white text looks on a background with the Hex color B39826.

# 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**  
B39826

**Protanopia**  
AD9A27

**Deuteranopia**  
C19229

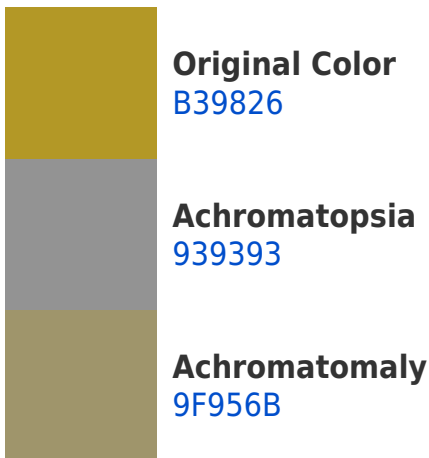


**Tritanopia**  
BB8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B39826 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 #B39826 looks like.

```
.text, #text, p{  
    color:#B39826  
}
```

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 #B39826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B39826  
}
```

## Border

The CSS property to change the border of an element to Hex B39826 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  
#B39826 }
```

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

```
.border{ border-color:#B39826 }
```

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

Here you see how a box with a 4 pixel #B39826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B39826; -webkit-box-shadow:4px 4px  
4px 4px #B39826; box-shadow:4px 4px 4px  
4px #B39826 }
```

# Background

The CSS property to change the background color of an element to Hex B39826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B39826 }
```

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

```
.background{ background-color:#B39826 }
```

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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