

# Converting Colors

Hex(B3841A)

Have a look what the booklet for  
Hex(B3841A) contains.

<b>Hex(B3841A)</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(B3841A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3841A
RGB	179, 132, 26
RGB Percent	70%, 52%, 10%
CMY	0.2980, 0.4824, 0.8980
CMYK	0.00, 0.26, 0.85, 0.30
HSL	42°, 75%, 40%
HSV	42°, 85%, 70%
XYZ	27.0281, 26.1608, 4.6023
YIQ	133.9690, 62.0380, -23.0020

# Conversions

## Conversions Part 2

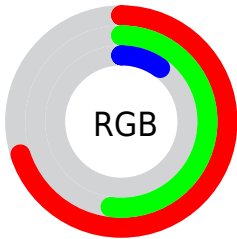
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 179, 26
Decimal	11764762
CIE Lab	58.19, 9.02, 58.24
CIE LCh	58, 58.938, 81.201
Yxy	26.1608, 0.4677, 0.4527
Android (android.graphics.Color)	4289954842 (0xFFB3841A)
YUV	133.9690, -53.2287, 39.4922
Hunter-Lab	51.1476, 4.8170, 30.4684

# Details

The Hex color **B3841A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1A49B3**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **EFB952**, and **795300** is the 20% darker color. If you saturate the color by 10%, you get **B37F08**, and if you desaturate by 10%, it is **B3892C**.

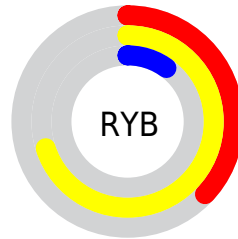
# Distribution



Red (70%)

Green (52%)

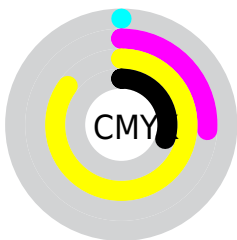
Blue (10%)



Red (37%)

Yellow (70%)

Blue (10%)

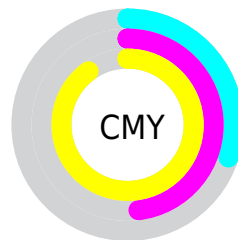


Cyan (0%)

Magenta (26%)

Yellow (85%)

Black (30%)



Cyan (30%)

Magenta (48%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3841A 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 B3841A by changing the saturation by 10% instead.



 B3841A

 B3841A

FFFFFF

 966B00

 EFB952

 795300

 FFD46C

 5D3C00

 FFF187

 422700

 FFFFA2

 291300

 FFFFBE

 030000

 FFFFDB

 000000

 FFFFF8

 B3841A

 B3841A

 B37F08

 B3892C

 B37C00

 B38F3E

 B39450

 B39A62

 B39F73

 B3A585

 B3AA97

 B3B0A9

 B3B5BB

# Harmonies

## Analogous

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



D76F3C



B3841A



83941F

# Triad

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



B3841A



00A4B0



BB6ECD

# Complementary

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



B3841A



1A49B3

# 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.



7085ED



B3841A



00A0DC

# Square

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



B3841A



00A37A



0096F2



E15C9D

# Rectangle

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



B3841A



5B9C38



0096F2



A776DA



# Sweetspot

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



B3841A



E8D6AC



B31A4A



756A51



F5F5F5



757575



# Same Dimension

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



B3841A



E8A100



97B31A



595750



996A00



1A1200



# Inverse Universe

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



1A49B3



0047E8



361AB3



505359



002F99

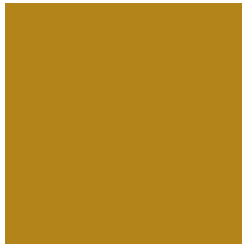


00081A



# Previews

## White Background



This preview shows how the Hex color B3841A looks on a white background.

## Color Contrast Check

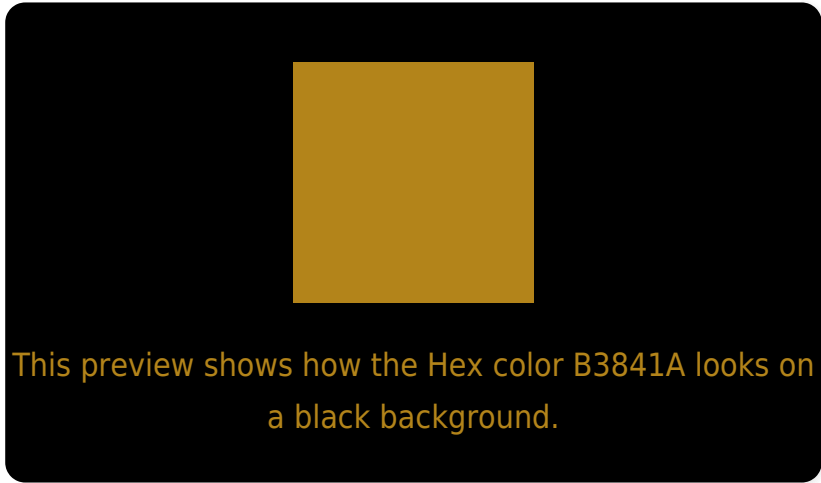
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex B3841A Background



This preview shows how black text looks on a background with the Hex color B3841A.



This preview shows how white text looks on a background with the Hex color B3841A.

# 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**  
B3841A

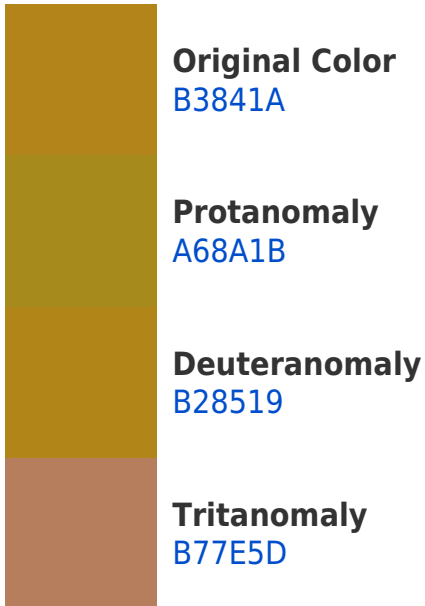
**Protanopia**  
9E8D1C

**Deuteranopia**  
B18519

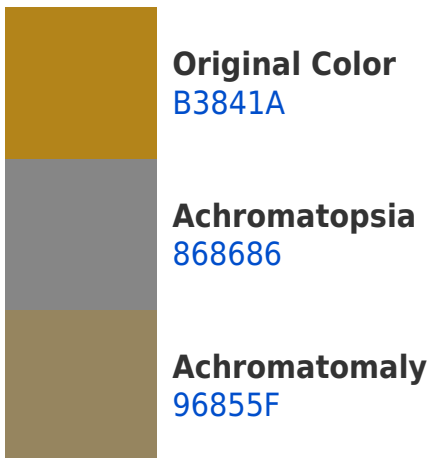


**Tritanopia**  
B97B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3841A 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 #B3841A looks like.

```
.text, #text, p{  
    color:#B3841A  
}
```

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 #B3841A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3841A
}
```

## Border

The CSS property to change the border of an element to Hex B3841A 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
#B3841A }
```

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

```
.border{ border-color:#B3841A }
```

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

Here you see how a box with a 4 pixel #B3841A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3841A; -webkit-box-shadow:4px 4px  
4px 4px #B3841A; box-shadow:4px 4px 4px  
4px #B3841A }
```

# Background

The CSS property to change the background color of an element to Hex B3841A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3841A }
```

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

```
.background{ background-color:#B3841A }
```

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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