

# Converting Colors

Hex(B38501)

Have a look what the booklet for  
Hex(B38501) contains.

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**Color**

**Hex(B38501)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B38501
RGB	179, 133, 1
RGB Percent	70%, 52%, 0%
CMY	0.2980, 0.4784, 0.9961
CMYK	0.00, 0.26, 0.99, 0.30
HSL	44°, 99%, 35%
HSV	44°, 99%, 70%
XYZ	26.9834, 26.3610, 3.6947
YIQ	131.7060, 69.7880, -31.3000

# Conversions

## Conversions Part 2

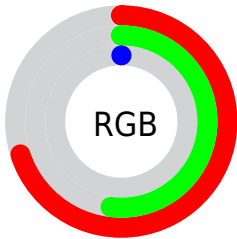
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 179, 1
Decimal	11764993
CIELab	58.38, 8.02, 63.49
CIELCh	58, 63.993, 82.799
Yxy	26.3610, 0.4731, 0.4622
Android (android.graphics.Color)	4289955073 (0xFFB38501)
YUV	131.7060, -64.4381, 41.4768
Hunter-Lab	51.3429, 3.9611, 31.6735

# Details

The Hex color **B38501** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **012FB3**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **EFBA46**, and **795400** is the 20% darker color. If you saturate the color by 10%, you get **B38500**, and if you desaturate by 10%, it is **B38A13**.

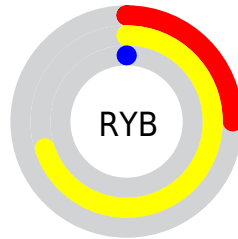
# Distribution



Red (70%)

Green (52%)

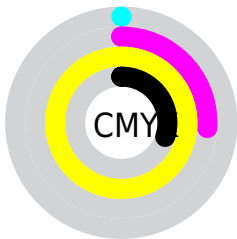
Blue (0%)



Red (25%)

Yellow (70%)

Blue (0%)

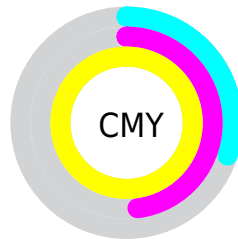


Cyan (0%)

Magenta (26%)

Yellow (99%)

Black (30%)



Cyan (30%)

Magenta (48%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B38501 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 B38501 by changing the saturation by 10% instead.



 B38501

 B38501

FFFFFF

 966C00

 EFBA46

 795400

 FFD561

 5D3D00

 FFF27C

 422700

 FFFF97

 281400

 FFFFB3

 030000

 FFFFD0

 000000

 FFFFED

 B38501

 B38501

■ B38500

■ B38A13

■ B38E25

■ B39337

■ B39849

■ B39C5B

■ B3A16C

■ B3A57E

■ B3AA90

■ B3AFA2

# Harmonies

## Analogous

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



DB6E32



B38501



7E960F

# Triad

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



B38501



00A6B6



C36AD1

# Complementary

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



B38501



012FB3

# 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.



7183F4



B38501



00A2E5

# Square

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



B38501



00A67D



0097FC



EA559C

# Rectangle

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



B38501



519E32



0097FC



AD72DF



# Sweetspot

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



B38501



E8D6A2



B30130



756A4B



F5F5F5



757575



# Same Dimension

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



B38501



E8AC00



89B301



595750



997100



1A1300



# Inverse Universe

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



012FB3



003CE8



2B01B3



505359



002899

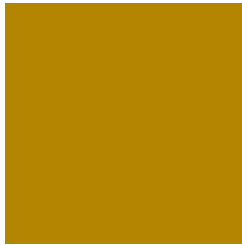


00071A



# Previews

## White Background



This preview shows how the Hex color B38501 looks on a white background.

## Color Contrast Check

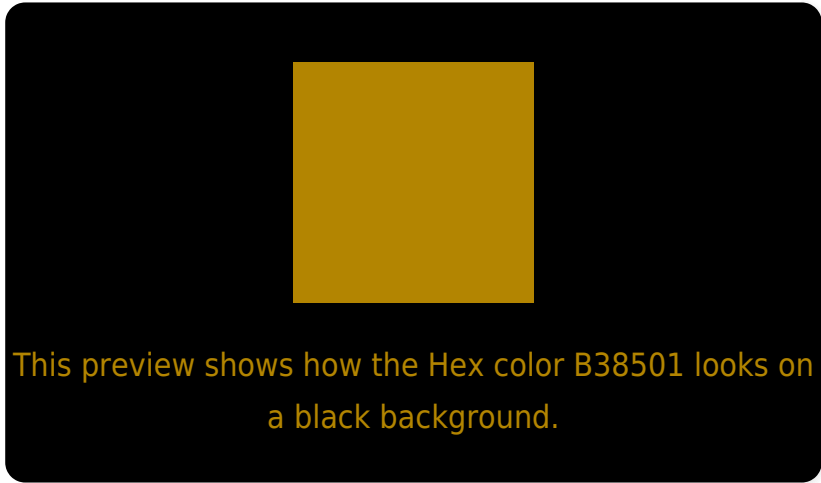
Large Text (above 18pt) WCAG AA ✓ Pass

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 B38501 Background



This preview shows how black text looks on a background with the Hex color B38501.



This preview shows how white text looks on a background with the Hex color B38501.

# 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**  
B38501

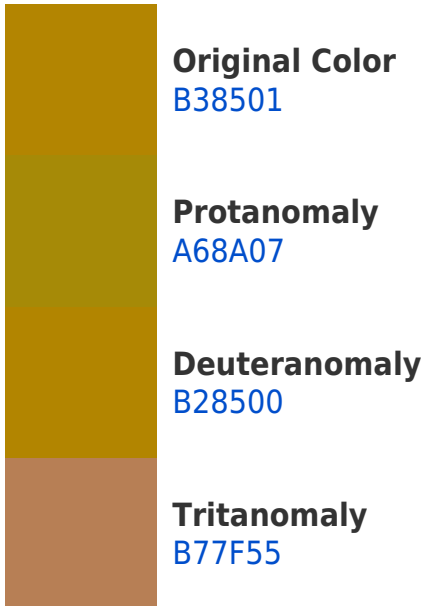
**Protanopia**  
9F8D0A

**Deuteranopia**  
B28500

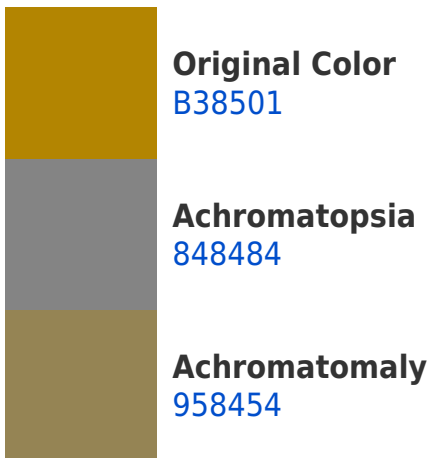


**Tritanopia**  
B97C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B38501 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 #B38501 looks like.

```
.text, #text, p{  
    color:#B38501  
}
```

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 #B38501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38501
}
```

## Border

The CSS property to change the border of an element to Hex B38501 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
#B38501 }
```

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

```
.border{ border-color:#B38501 }
```

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

Here you see how a box with a 4 pixel #B38501 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38501; -webkit-box-shadow:4px 4px  
4px 4px #B38501; box-shadow:4px 4px 4px  
4px #B38501 }
```

# Background

The CSS property to change the background color of an element to Hex B38501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38501 }
```

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

```
.background{ background-color:#B38501 }
```

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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