

# Converting Colors

Hex(B38513)

Have a look what the booklet for  
Hex(B38513) contains.

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**Color**

**Hex(B38513)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B38513
RGB	179, 133, 19
RGB Percent	70%, 52%, 7%
CMY	0.2980, 0.4784, 0.9255
CMYK	0.00, 0.26, 0.89, 0.30
HSL	43°, 81%, 39%
HSV	43°, 89%, 70%
XYZ	27.0955, 26.4058, 4.2848
YIQ	133.7580, 64.0100, -25.7020

# Conversions

## Conversions Part 2

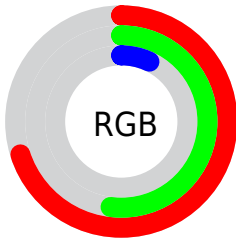
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 179, 19
Decimal	11765011
CIE <sub>Lab</sub>	58.42, 8.29, 60.28
CIE <sub>LCh</sub>	58, 60.851, 82.166
Yxy	26.4058, 0.4689, 0.4570
Android (android.graphics.Color)	4289955091 (0xFFB38513)
YUV	133.7580, -56.5757, 39.6772
Hunter-Lab	51.3866, 4.1943, 31.0267

# Details

The Hex color **B38513** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1341B3**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **EFBA4E**, and **795400** is the 20% darker color. If you saturate the color by 10%, you get **B38001**, and if you desaturate by 10%, it is **B38A25**.

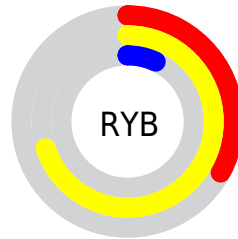
# Distribution



Red (70%)

Green (52%)

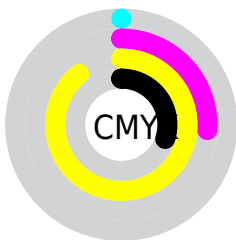
Blue (7%)



Red (33%)

Yellow (70%)

Blue (7%)

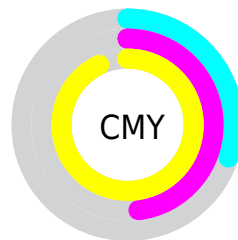


Cyan (0%)

Magenta (26%)

Yellow (89%)

Black (30%)



Cyan (30%)

Magenta (48%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B38513 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 B38513 by changing the saturation by 10% instead.



 B38513

 B38513

FFFFFF

 966C00

 EFBA4E

 795400

 FFD568

 5D3D00

 FFF283

 422700

 FFFF9F

 291300

 FFFFBA

 040000

 FFFFD7

 000000

 FFFFF4

 B38513

 B38513

 B38001

 B38A25

 B38000

 B38F37

 B39449

 B39A5B

 B39F6C

 B3A47E

 B3A990

 B3AEA2

 B3B3B4

# Harmonies

## Analogous

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



D96F38



B38513



81961B

# Triad

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



B38513



00A5B3



BF6CCF

# Complementary

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



B38513



1341B3

# 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.



7284F0



B38513



00A1E0

# Square

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



B38513



00A57C



0097F6



E55A9D

# Rectangle

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



B38513



579D37



0097F6



AB75DC



# Sweetspot

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



B38513



E8D6A9



B31343



756B50



F5F5F5



757575



# Same Dimension

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



B38513



E8A500



93B313



595750



996D00



1A1200



# Inverse Universe

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



1341B3



0043E8



3313B3



505359



002C99

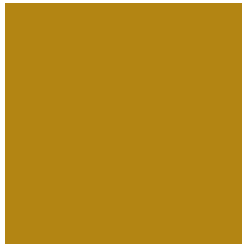


00071A



# Previews

## White Background



This preview shows how the Hex color B38513 looks on a white background.

## Color Contrast Check

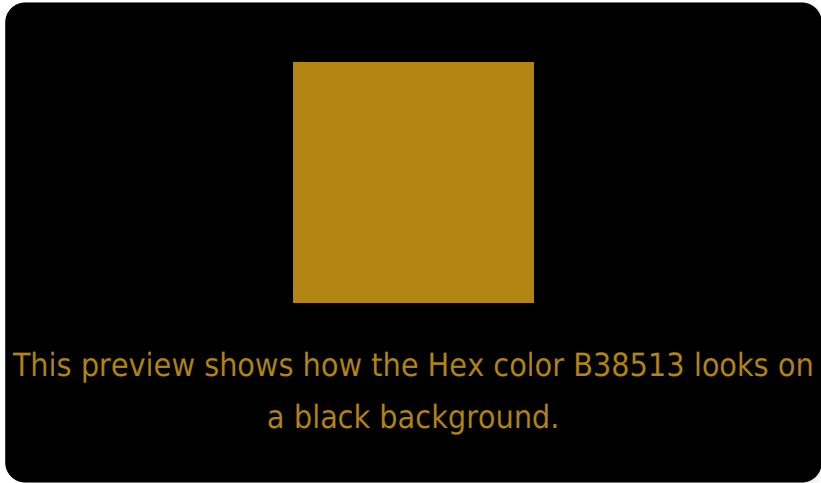
Large Text (above 18pt) WCAG AA ✓ Pass

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 B38513 Background



This preview shows how black text looks on a background with the Hex color B38513.



This preview shows how white text looks on a background with the Hex color B38513.

# 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**  
B38513

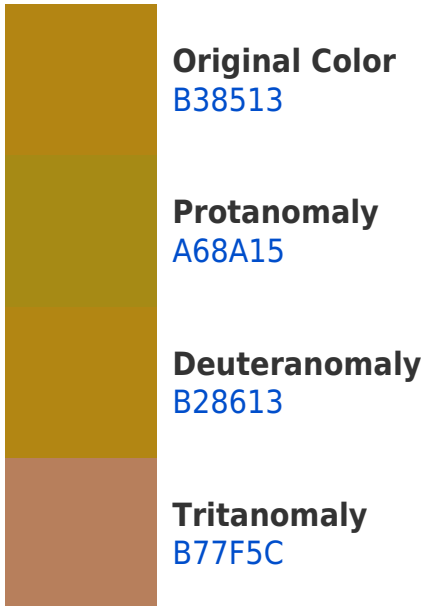
**Protanopia**  
9F8D16

**Deuteranopia**  
B28613

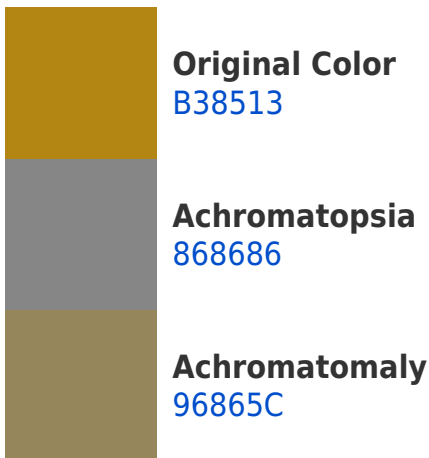


**Tritanopia**  
B97C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B38513 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 #B38513 looks like.

```
.text, #text, p{  
    color:#B38513  
}
```

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 #B38513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38513
}
```

## Border

The CSS property to change the border of an element to Hex B38513 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
#B38513 }
```

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

```
.border{ border-color:#B38513 }
```

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

Here you see how a box with a 4 pixel #B38513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38513; -webkit-box-shadow:4px 4px  
4px 4px #B38513; box-shadow:4px 4px 4px  
4px #B38513 }
```

# Background

The CSS property to change the background color of an element to Hex B38513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38513 }
```

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

```
.background{ background-color:#B38513 }
```

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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