

# Converting Colors

Hex(B38E0A)

Have a look what the booklet for  
Hex(B38E0A) contains.

<b>Hex(B38E0A)</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(B38E0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B38E0A
RGB	179, 142, 10
RGB Percent	70%, 56%, 4%
CMY	0.2980, 0.4431, 0.9608
CMYK	0.00, 0.21, 0.94, 0.30
HSL	47°, 89%, 37%
HSV	47°, 94%, 70%
XYZ	28.3182, 28.9516, 4.3829
YIQ	138.0150, 64.4240, -33.2080

# Conversions

## Conversions Part 2

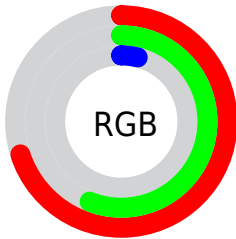
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 179, 10
Decimal	11767306
CIELab	60.74, 3.18, 63.77
CIELCh	61, 63.845, 87.148
Yxy	28.9516, 0.4593, 0.4696
Android (android.graphics.Color)	4289957386 (0xFFB38E0A)
YUV	138.0150, -63.1114, 35.9438
Hunter-Lab	53.8067, -0.2181, 32.8352

# Details

The Hex color **B38E0A** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **0A2FB3**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **EFC34B**, and **795C00** is the 20% darker color. If you saturate the color by 10%, you get **B38C00**, and if you desaturate by 10%, it is **B3921C**.

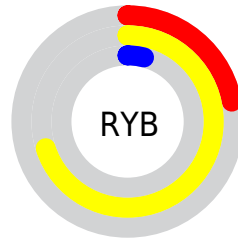
# Distribution



Red (70%)

Green (56%)

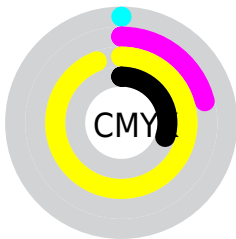
Blue (4%)



Red (22%)

Yellow (70%)

Blue (4%)

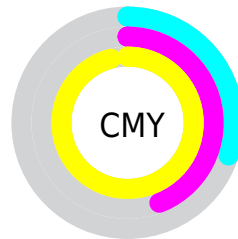


Cyan (0%)

Magenta (21%)

Yellow (94%)

Black (30%)



Cyan (30%)

Magenta (44%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B38E0A 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 B38E0A by changing the saturation by 10% instead.





B38E0A



B38E0A

FFFFFF



967500



EFC34B



795C00



FFDF66



5D4500



FFFC81



422F00



FFFF9D



291B00



FFFFB9



0C0000



FFFFD6



000000



FFFFF3



B38E0A



B38E0A

 B38C00

 B3921C

 B3962E

 B39A40

 B39E52

 B3A263

 B3A675

 B3A987

 B3AD99

 B3B1AB

# Harmonies

## Analogous

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



DD7832



B38E0A



7C9E20

# Triad

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



B38E0A



00ADC4



D16CD1

# Complementary

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



B38E0A



0A2FB3

# 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.



8886F7



B38E0A



00A7F1

# Square

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



B38E0A



00AC8B



009BFF



F35B9A

# Rectangle

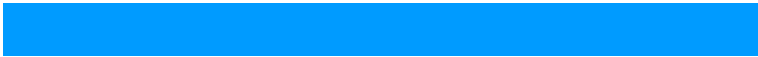
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B38E0A



4CA540



009BFF



BE75E0



# Sweetspot

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



B38E0A



E8DAA7



B30A31



756D4D



F5F5F5



757575



# Same Dimension

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



B38E0A



E8B500



86B30A



595750



997800



1A1400



# Inverse Universe

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



0A2FB3



0033E8



370AB3



505259



002199

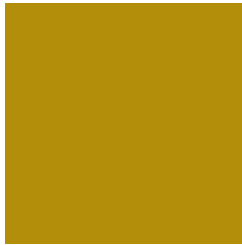


00061A



# Previews

## White Background



This preview shows how the Hex color B38E0A looks on a white background.

## Color Contrast Check

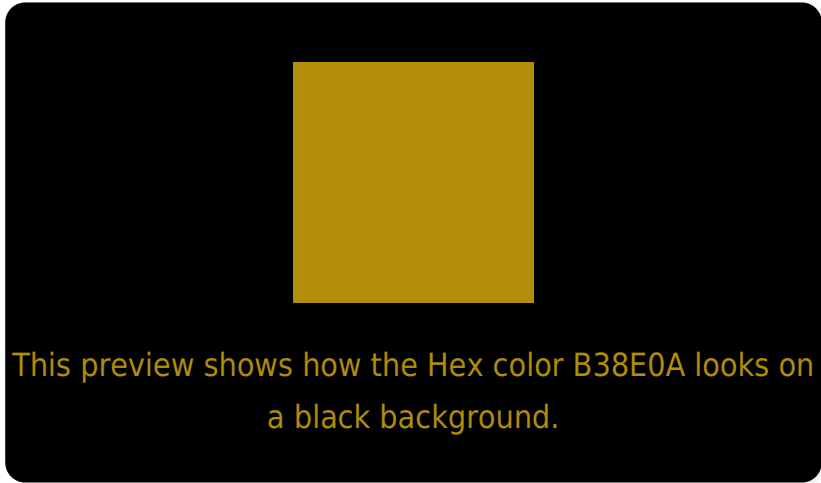
Large Text (above 18pt) WCAG AA ✓ Pass

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 B38E0A Background



This preview shows how black text looks on a background with the Hex color B38E0A.

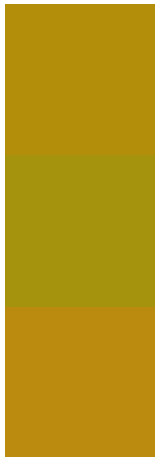


This preview shows how white text looks on a background with the Hex color B38E0A.

# 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**  
B38E0A

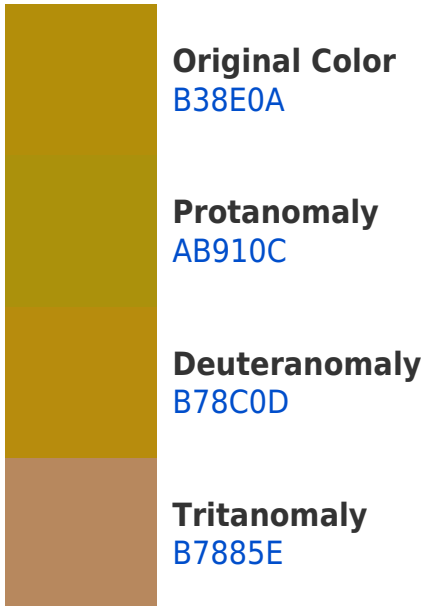
**Protanopia**  
A6930D

**Deuteranopia**  
BA8B0F

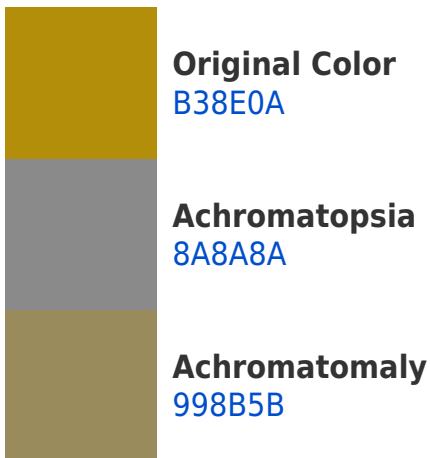


**Tritanopia**  
BA848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B38E0A 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 #B38E0A looks like.

```
.text, #text, p{  
    color:#B38E0A  
}
```

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 #B38E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38E0A
}
```

## Border

The CSS property to change the border of an element to Hex B38E0A 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
#B38E0A }
```

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

```
.border{ border-color:#B38E0A }
```

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

Here you see how a box with a 4 pixel #B38E0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38E0A; -webkit-box-shadow:4px 4px  
4px 4px #B38E0A; box-shadow:4px 4px 4px  
4px #B38E0A }
```

# Background

The CSS property to change the background color of an element to Hex B38E0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38E0A }
```

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

```
.background{ background-color:#B38E0A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor