

# Converting Colors

Hex(B09011)

Have a look what the booklet for  
Hex(B09011) contains.

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**Color**

**Hex(B09011)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B09011</a>
RGB	<a href="#">176, 144, 17</a>
RGB Percent	<a href="#">69%, 56%, 7%</a>
CMY	<a href="#">0.3098, 0.4353, 0.9333</a>
CMYK	<a href="#">0.00, 0.18, 0.90, 0.31</a>
HSL	<a href="#">48°, 82%, 38%</a>
HSV	<a href="#">48°, 90%, 69%</a>
XYZ	<a href="#">27.9789, 29.2171, 4.6951</a>
YIQ	<a href="#">139.0900, 59.8390, -32.7130</a>

# Conversions

## Conversions Part 2

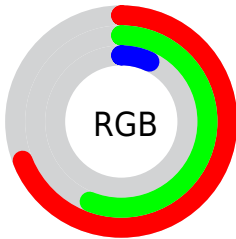
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 176, 17
Decimal	11571217
CIELab	60.97, 0.83, 62.58
CIELCh	61, 62.584, 89.240
Yxy	29.2171, 0.4521, 0.4721
Android (android.graphics.Color)	4289761297 (0xFFB09011)
YUV	139.0900, -60.1904, 32.3701
Hunter-Lab	54.0528, -2.1970, 32.6869

# Details

The Hex color **B09011** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1131B0**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **EBC54E**, and **775E00** is the 20% darker color. If you saturate the color by 10%, you get **B08D00**, and if you desaturate by 10%, it is **B09423**.

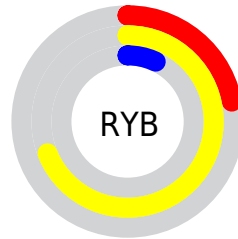
# Distribution



Red (69%)

Green (56%)

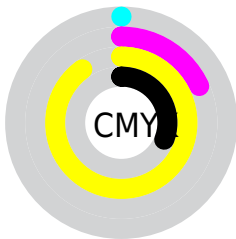
Blue (7%)



Red (22%)

Yellow (69%)

Blue (7%)

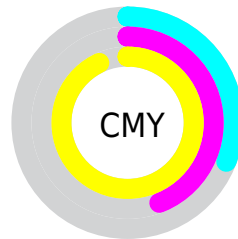


Cyan (0%)

Magenta (18%)

Yellow (90%)

Black (31%)



Cyan (31%)

Magenta (44%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B09011 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 B09011 by changing the saturation by 10% instead.





B09011



B09011

FFFFFF



937700



EBC54E



775E00



FFE169



5B4700



FFFE84



403100



FFFFA0



271C00



FFFFBC



080300



FFFFD9



000000




FFFFF6



B09011



B09011

 B08D00

 B09423

 B09734

 B09B46

 B09E57

 B0A269

 B0A57B

 B0A98C

 B0AC9E

 B0B0AF

# Harmonies

## Analogous

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



DA7A32



B09011



79A027

# Triad

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



B09011



00ADC8



D46CCD

# Complementary

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



B09011



1131B0

# 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.



9085F4



B09011



00A7F2

# Square

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



B09011



00AD90



009AFF



F45D97

# Rectangle

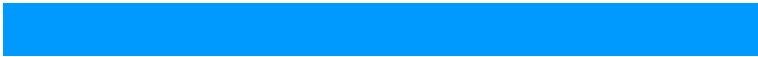
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B09011



48A646



009AFF



C274DC



# Sweetspot

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



B09011



E6D9A8



B01133



736B4E



F2F2F2



737373



# Same Dimension

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



B09011



E6B700



83B011



595750



997A00



1A1400



# Inverse Universe

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



1131B0



002EE6



3E11B0



505259



001F99

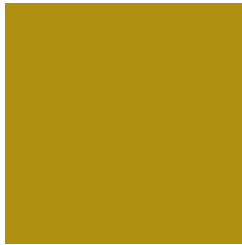


00051A



# Previews

## White Background



This preview shows how the Hex color B09011 looks on a white background.

## Color Contrast Check

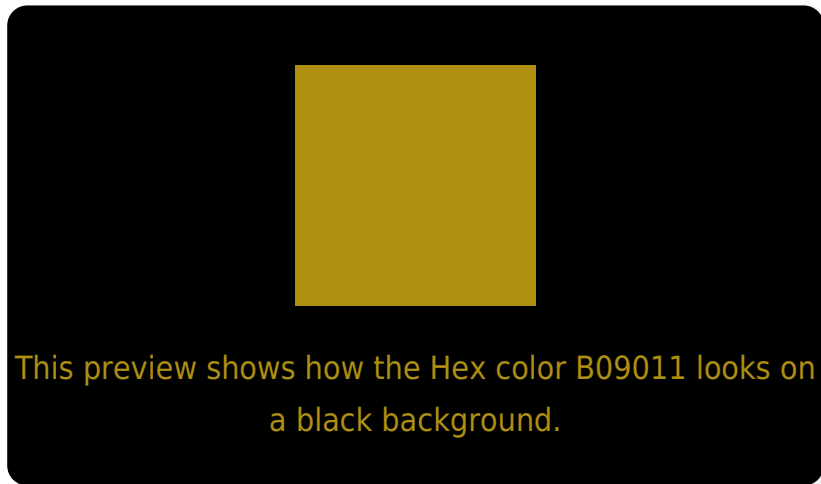
Large Text (above 18pt) WCAG AA ✓ Pass

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 B09011 Background



This preview shows how black text looks on a background with the Hex color B09011.



This preview shows how white text looks on a background with the Hex color B09011.

# 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**  
B09011

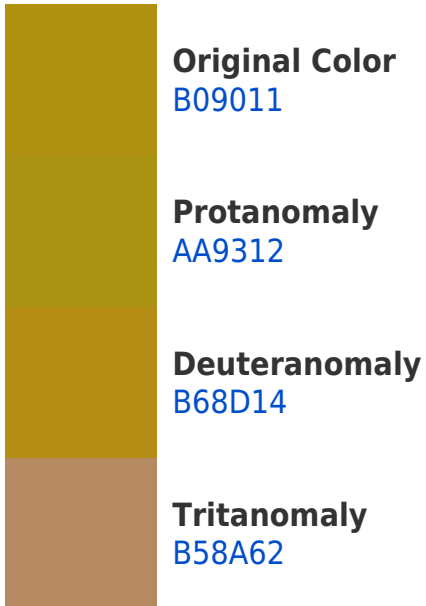
**Protanopia**  
A69412

**Deuteranopia**  
BA8C15

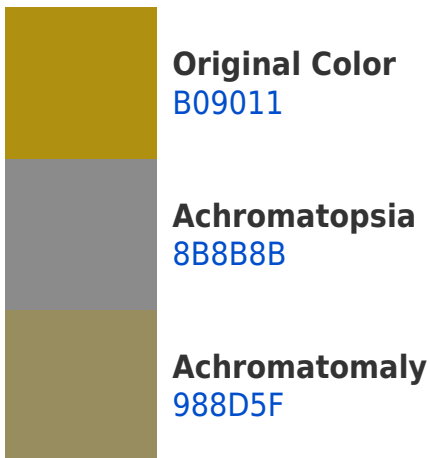


**Tritanopia**  
B88690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B09011 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 #B09011 looks like.

```
.text, #text, p{  
    color:#B09011  
}
```

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 #B09011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B09011
}
```

## Border

The CSS property to change the border of an element to Hex B09011 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
#B09011 }
```

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

```
.border{ border-color:#B09011 }
```

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

Here you see how a box with a 4 pixel #B09011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B09011; -webkit-box-shadow:4px 4px  
4px 4px #B09011; box-shadow:4px 4px 4px  
4px #B09011 }
```

# Background

The CSS property to change the background color of an element to Hex B09011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B09011 }
```

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

```
.background{ background-color:#B09011 }
```

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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