

# Converting Colors

Hex(3D8B09)

Have a look what the booklet for  
Hex(3D8B09) contains.

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**Color**

**Hex(3D8B09)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D8B09
RGB	61, 139, 9
RGB Percent	24%, 55%, 4%
CMY	0.7608, 0.4549, 0.9647
CMYK	0.56, 0.00, 0.94, 0.45
HSL	96°, 88%, 29%
HSV	96°, 94%, 55%
XYZ	11.2064, 19.4771, 3.4273
YIQ	100.8580, -4.7580, -56.9660

# Conversions

## Conversions Part 2

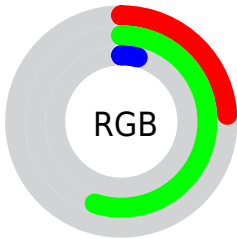
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 139, 87
Decimal	4033289
CIE <sub>Lab</sub>	51.24, -44.65, 52.78
CIE <sub>LCh</sub>	51, 69.139, 130.230
Yxy	19.4771, 0.3285, 0.5710
Android (android.graphics.Color)	4282223369 (0xFF3D8B09)
YUV	100.8580, -45.2860, -34.9555
Hunter-Lab	44.1328, -31.9070, 26.2886

# Details

The Hex color **3D8B09** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **57098B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **76C147**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **388B00**, and if you desaturate by 10%, it is **458B17**.

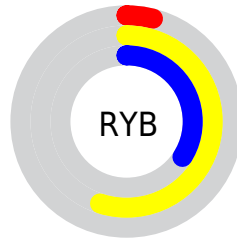
# Distribution



Red (24%)

Green (55%)

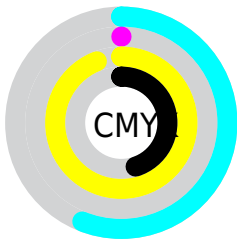
Blue (4%)



Red (4%)

Yellow (55%)

Blue (34%)

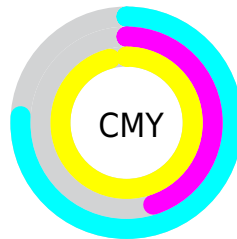


Cyan (56%)

Magenta (0%)

Yellow (94%)

Black (45%)



Cyan (76%)

Magenta (45%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D8B09 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 3D8B09 by changing the saturation by 10% instead.





3D8B09



3D8B09

FFFFFF



1D7100



76C147



005800



92DD61



004000



AEFA7C



002A00



CBFF97



000800



E8FFB3



000000



FFFFCF



FFF FEC



3D8B09



3D8B09

 388B00

 458B17

 4E8B25

 568B33

 5E8B41

 678B4E

 6F8B5C

 778B6A

 808B78

 888B86

# Harmonies

## Analogous

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



817E00



3D8B09



00924F

# Triad

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



3D8B09



008BEA



E13469

# Complementary

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



3D8B09



57098B

# 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.



CE40A3



3D8B09



007BF0

# Square

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



3D8B09



0093C6



9460D5



D54B30

# Rectangle

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



3D8B09



009479



9460D5



DF337C



# Sweetspot

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



3D8B09



97B582



8B5709



495C3D



DBDBDB



5C5C5C



# Same Dimension

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



3D8B09



48B500



098B16



41453E



358500



020500



# Inverse Universe

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



57098B



6D00B5



8B097E



423E45



500085



030005



# Previews

## White Background



This preview shows how the Hex color 3D8B09 looks on a white background.

## Color Contrast Check

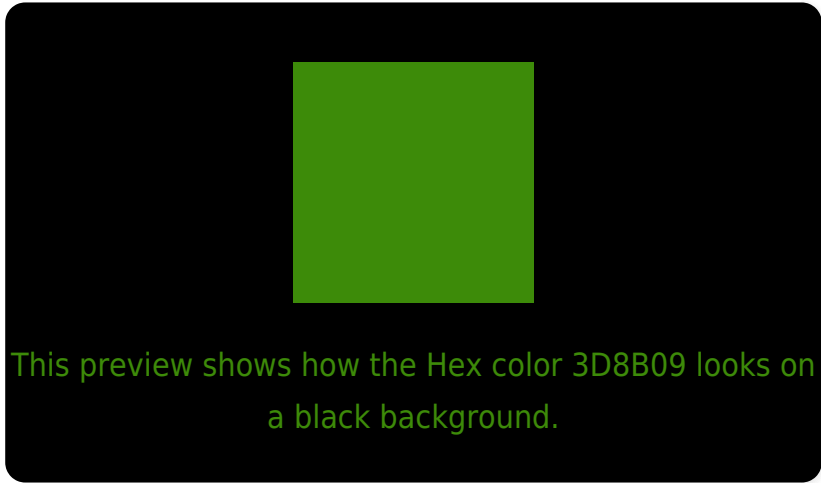
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D8B09 Background



This preview shows how black text looks on a background with the Hex color 3D8B09.



This preview shows how white text looks on a background with the Hex color 3D8B09.

# 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**  
3D8B09

**Protanopia**  
897A00

**Deuteranopia**  
99731E

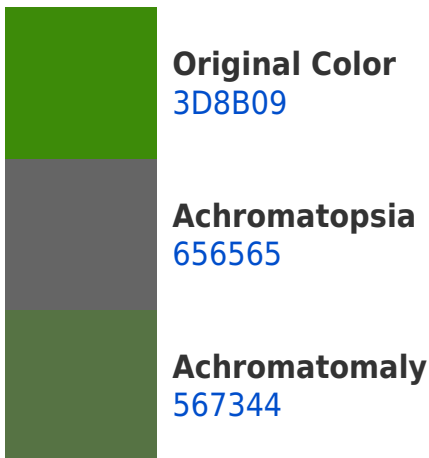


**Tritanopia**  
52818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D8B09 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 #3D8B09 looks like.

```
.text, #text, p{  
    color:#3D8B09  
}
```

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 #3D8B09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8B09
}
```

## Border

The CSS property to change the border of an element to Hex 3D8B09 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".

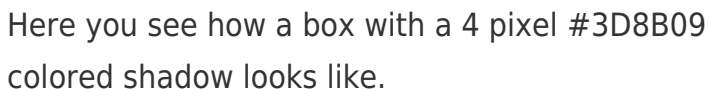
```
.border, #border, table{ border:4px solid
#3D8B09 }
```

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

```
.border{ border-color:#3D8B09 }
```

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

Here you see how a box with a 4 pixel #3D8B09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8B09; -webkit-box-shadow:4px 4px  
4px 4px #3D8B09; box-shadow:4px 4px 4px  
4px #3D8B09 }
```

# Background

The CSS property to change the background color of an element to Hex 3D8B09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8B09 }
```

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

```
.background{ background-color:#3D8B09 }
```

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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