

# Converting Colors

Hex(39890B)

Have a look what the booklet for  
Hex(39890B) contains.

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**Color**

**Hex(39890B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	39890B
RGB	57, 137, 11
RGB Percent	22%, 54%, 4%
CMY	0.7765, 0.4627, 0.9569
CMYK	0.58, 0.00, 0.92, 0.46
HSL	98°, 85%, 29%
HSV	98°, 92%, 54%
XYZ	10.6934, 18.7853, 3.3789
YIQ	98.7160, -7.2340, -56.1460

# Conversions

## Conversions Part 2

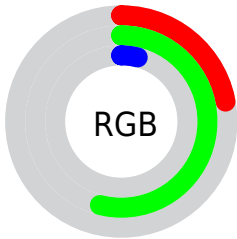
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 137, 91
Decimal	3770635
CIELab	50.44, -44.98, 51.69
CIELCh	50, 68.524, 131.028
Yxy	18.7853, 0.3254, 0.5717
Android (android.graphics.Color)	4281960715 (0xFF39890B)
YUV	98.7160, -43.2440, -36.5849
Hunter-Lab	43.3421, -31.8089, 25.7172

# Details

The Hex color **39890B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **5B0B89**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **72BF47**, and **005600** is the 20% darker color. If you saturate the color by 10%, you get **328900**, and if you desaturate by 10%, it is **428919**.

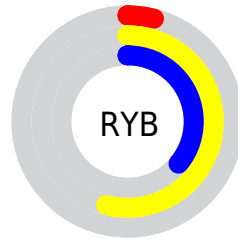
# Distribution



Red (22%)

Green (54%)

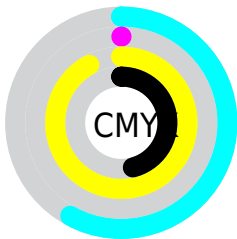
Blue (4%)



Red (4%)

Yellow (54%)

Blue (36%)

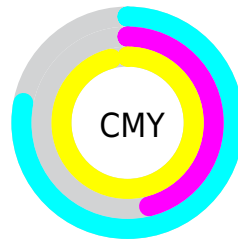


Cyan (58%)

Magenta (0%)

Yellow (92%)

Black (46%)



Cyan (78%)

Magenta (46%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39890B 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 39890B by changing the saturation by 10% instead.





39890B



39890B

FFFFFF



176F00



72BF47



005600



8EDB61



003E00



AAF87C



002900



C7FF97



000300



E4FFB3



000000



FFFFCF



FFF FEC



39890B



39890B

■ 328900

■ 428919

■ 4A8926

■ 538934

■ 5C8942

■ 648950

■ 6D895D

■ 76896B

■ 7F8979

■ 878986

# Harmonies

## Analogous

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



7D7C00



39890B



008F50

# Triad

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



39890B



0089E7



DE3365

# Complementary

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



39890B



5B0B89

# 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.



CC3E9F



39890B



0078EC

# Square

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



39890B



0090C4



945DD1



D14B2D

# Rectangle

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



39890B



009178



945DD1



DC3279



# Sweetspot

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



39890B



93B381



895B0B



46593B



D9D9D9



595959



# Same Dimension

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



39890B



41B300



0B891C



40453E



308500



020500



# Inverse Universe

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



5B0B89



7100B3



890B78



423E45



540085



030005



# Previews

## White Background



This preview shows how the Hex color 39890B looks on a white background.

### Color Contrast Check

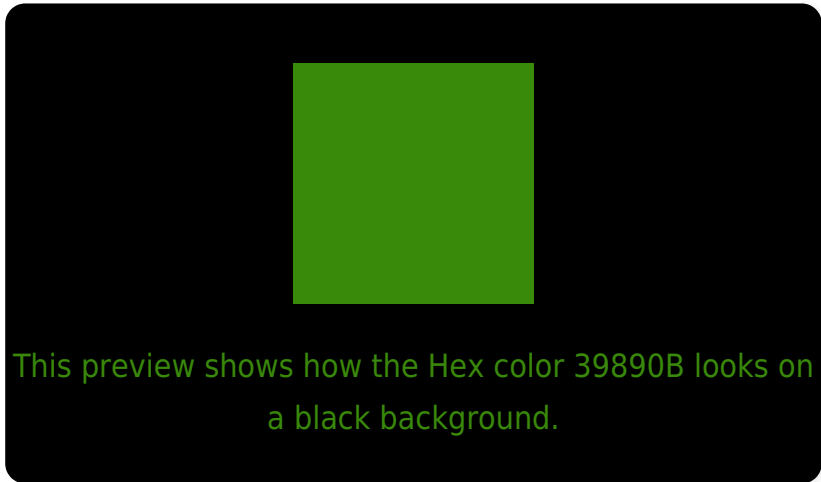
Large Text (above 18pt) WCAG AA ✓ Pass

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 39890B Background



This preview shows how black text looks on a background with the Hex color 39890B.



This preview shows how white text looks on a background with the Hex color 39890B.

# 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





**Tritanopia**  
4E7F8A

# Trichromacy



**Original Color**  
39890B

**Protanomaly**  
6B7E04

**Deuteranomaly**  
747A17

**Tritanomaly**  
46835C

# Monochromacy



**Original Color**  
39890B

**Achromatopsia**  
636363

**Achromatomaly**  
547143

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39890B 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 #39890B looks like.

```
.text, #text, p{  
    color:#39890B  
}
```

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 #39890B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39890B
}
```

## Border

The CSS property to change the border of an element to Hex 39890B 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".

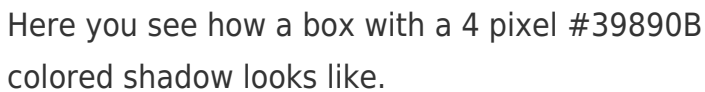
```
.border, #border, table{ border:4px solid
#39890B }
```

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

```
.border{ border-color:#39890B }
```

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

Here you see how a box with a 4 pixel #39890B colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39890B; -webkit-box-shadow:4px 4px  
4px 4px #39890B; box-shadow:4px 4px 4px  
4px #39890B }
```

# Background

The CSS property to change the background color of an element to Hex 39890B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39890B }
```

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

```
.background{ background-color:#39890B }
```

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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