

# Converting Colors

Hex(639811)

Have a look what the booklet for  
Hex(639811) contains.

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**Color**

**Hex(639811)**

# Conversions

## Conversions Part 1

Format	Color
Hex	639811
RGB	99, 152, 17
RGB Percent	39%, 60%, 7%
CMY	0.6118, 0.4039, 0.9333
CMYK	0.35, 0.00, 0.89, 0.40
HSL	84°, 80%, 33%
HSV	84°, 89%, 60%
XYZ	16.4750, 25.1496, 4.5163
YIQ	120.7630, 11.7470, -53.2210

# Conversions

## Conversions Part 2

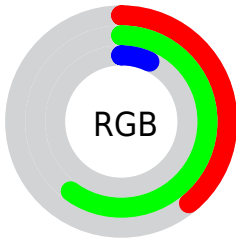
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 152, 70
Decimal	6526993
CIELab	57.22, -36.82, 57.01
CIELCh	57, 67.870, 122.859
Yxy	25.1496, 0.3571, 0.5451
Android (android.graphics.Color)	4284717073 (0xFF639811)
YUV	120.7630, -51.1552, -19.0862
Hunter-Lab	50.1494, -29.1208, 29.7650

# Details

The Hex color **639811** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **461198**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9ACF4E**, and **2C6400** is the 20% darker color. If you saturate the color by 10%, you get **5D9802**, and if you desaturate by 10%, it is **699820**.

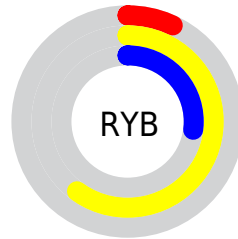
# Distribution



Red (39%)

Green (60%)

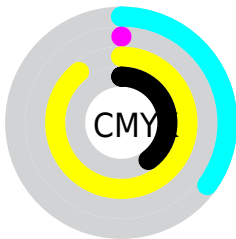
Blue (7%)



Red (7%)

Yellow (60%)

Blue (27%)

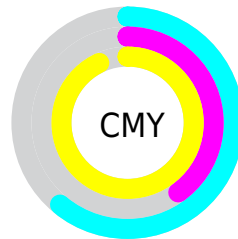


Cyan (35%)

Magenta (0%)

Yellow (89%)

Black (40%)



Cyan (61%)

Magenta (40%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 639811 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 639811 by changing the saturation by 10% instead.





639811



639811

FFFFFF



487E00



9ACF4E



2C6400



B7EB68



094C00



D4FF84



003500



F1FF9F



002100



FFFFBB



000000



FFFFD8



FFFFF5



639811



639811

 5D9802

 699820

 5C9800

 6F982F

 75983F

 7B984E

 81985D

 87986C

 8D987B

 93988B

 99989A

# Harmonies

## Analogous

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



A08900



639811



00A150

# Triad

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



639811



009DF3



F14986

# Complementary

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



639811



461198

# 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.



D45AC0



639811



008FFF

# Square

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



639811



00A4C8



8F77EE



EC574D

# Rectangle

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



639811



00A379



8F77EE



EB4C9A



# Sweetspot

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



639811



B0C48F



984511



576344



E3E3E3



636363



# Same Dimension

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



639811



77C400



219811



494D45



558C00



080D00



# Inverse Universe

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



461198



4D00C4



881198



48454D



37008C



05000D



# Previews

## White Background



This preview shows how the Hex color 639811 looks on a white background.

## Color Contrast Check

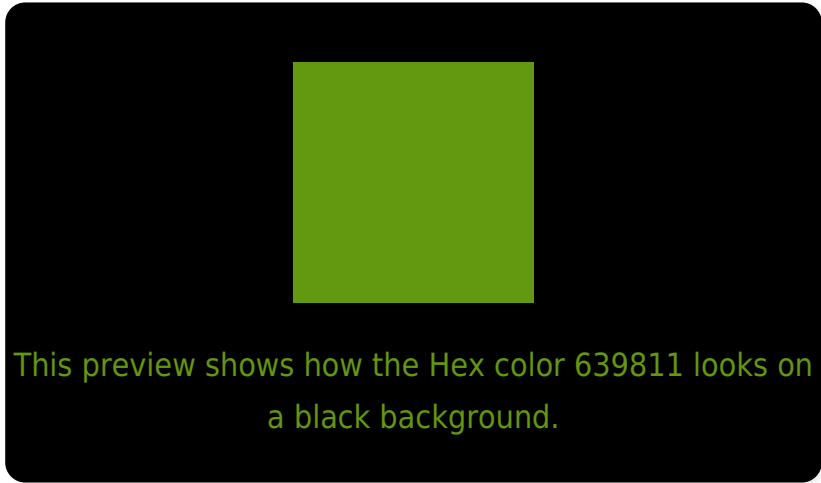
Large Text (above 18pt) WCAG AA ✓ Pass

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 639811 Background



This preview shows how black text looks on a background with the Hex color 639811.



This preview shows how white text looks on a background with the Hex color 639811.

# 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**  
639811

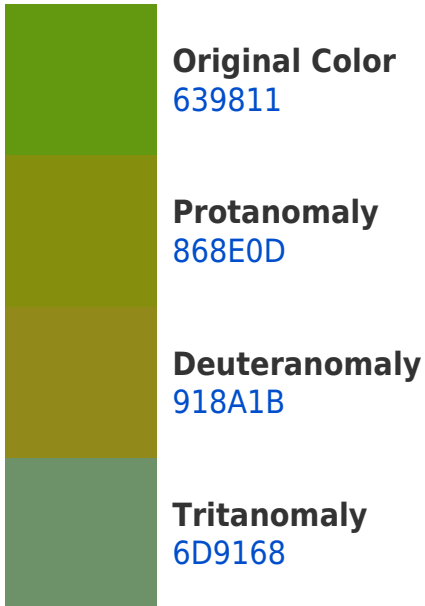
**Protanopia**  
9A890B

**Deuteranopia**  
AC8221



**Tritanopia**  
738D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 639811 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 #639811 looks like.

```
.text, #text, p{  
    color:#639811  
}
```

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 #639811 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #639811
}
```

## Border

The CSS property to change the border of an element to Hex 639811 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
#639811 }
```

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

```
.border{ border-color:#639811 }
```

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

Here you see how a box with a 4 pixel #639811 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #639811; -webkit-box-shadow:4px 4px  
4px 4px #639811; box-shadow:4px 4px 4px  
4px #639811 }
```

# Background

The CSS property to change the background color of an element to Hex 639811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#639811 }
```

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

```
.background{ background-color:#639811 }
```

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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