

# Converting Colors

Hex(639147)

Have a look what the booklet for  
Hex(639147) contains.

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# Color

Hex(639147)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	639147
RGB	99, 145, 71
RGB Percent	39%, 57%, 28%
CMY	0.6118, 0.4314, 0.7216
CMYK	0.32, 0.00, 0.51, 0.43
HSL	97°, 34%, 42%
HSV	97°, 51%, 57%
XYZ	16.4083, 23.3584, 9.6050
YIQ	122.8100, -3.6620, -32.7660

# Conversions

## Conversions Part 2

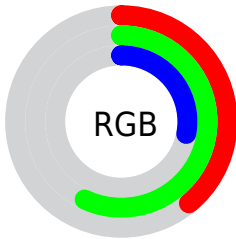
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 145, 117
Decimal	6525255
CIELab	55.44, -29.52, 34.14
CIElCh	55, 45.135, 130.852
Yxy	23.3584, 0.3323, 0.4731
Android (android.graphics.Color)	4284715335 (0xFF639147)
YUV	122.8100, -25.5423, -20.8814
Hunter-Lab	48.3305, -23.9772, 22.0483

# Details

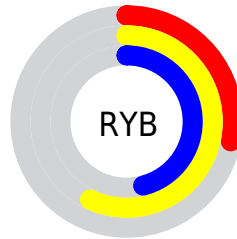
The Hex color **639147** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **754791**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **98C779**, and **305E17** is the 20% darker color. If you saturate the color by 10%, you get **5A9139**, and if you desaturate by 10%, it is **6C9156**.

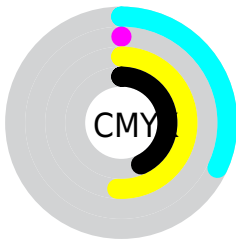
# Distribution



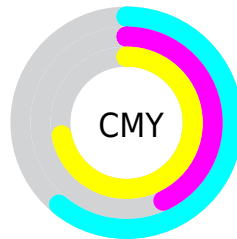
- Red (39%)
- Green (57%)
- Blue (28%)



- Red (28%)
- Yellow (57%)
- Blue (46%)



- Cyan (32%)
- Magenta (0%)
- Yellow (51%)
- Black (43%)



- Cyan (61%)
- Magenta (43%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 639147 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 639147 by changing the saturation by 10% instead.



 639147

 639147

FFFFFF

 49772F

 98C779

 305E17

 B3E393

 164600

 CFFFAE

 002F00

 ECFFCA

 001C00

 FFFFE6

 000000

 639147

 639147

 5A9139

 6C9156

 51912A

 759164

■ 48911C

■ 7E9173

■ 3F910D

■ 879181

■ 379100

■ 909190

■ 99919E

■ A291AD

■ AB91BB

■ B491CA

# Harmonies

## Analogous

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



8E8734



639147



20976A

# Triad

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



639147



0090CE



CE6378

# Complementary

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



639147



754791

# 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.



C0679F



639147



5A84D2

# Square

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



639147



0096B7



9A75C0



C76B53

# Rectangle

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



639147



009885



9A75C0



CC6385



# Sweetspot

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



639147



ABBDA0



917547



545E4D



DEDEDE



5E5E5E



# Same Dimension

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



639147



75BD4A



479150



434740



338700



030800



# Inverse Universe

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



754791



914ABD



914788



454047



540087



050008



# Previews

## White Background



This preview shows how the Hex color 639147 looks on a white background.

## Color Contrast Check

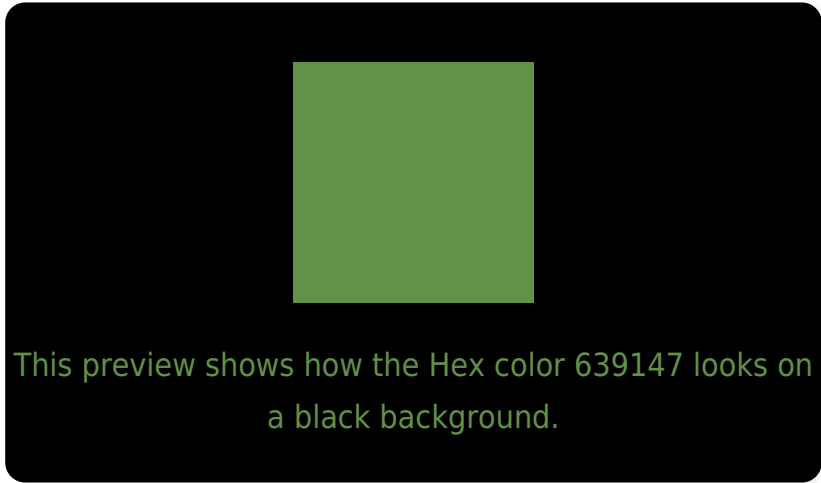
Large Text (above 18pt) WCAG AA ✓ Pass

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 639147 Background



This preview shows how black text looks on a background with the Hex color 639147.



This preview shows how white text looks on a background with the Hex color 639147.

# 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](#).

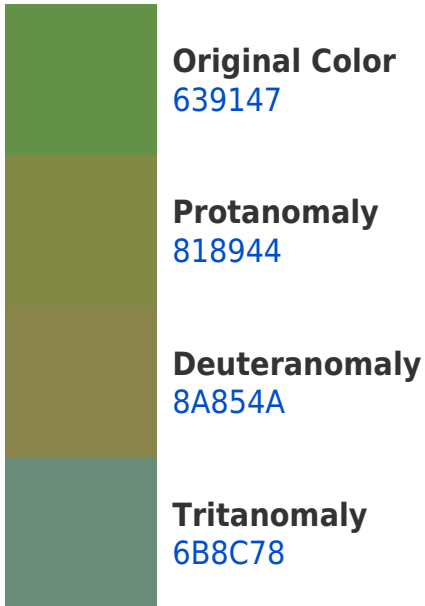
## Dichromacy



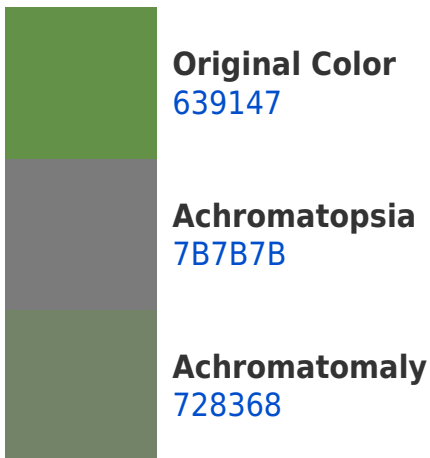


**Tritanopia**  
6F8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 639147 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 #639147 looks like.

```
.text, #text, p{  
    color:#639147  
}
```

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 #639147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #639147
}
```

## Border

The CSS property to change the border of an element to Hex 639147 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
#639147 }
```

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

```
.border{ border-color:#639147 }
```

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

Here you see how a box with a 4 pixel #639147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #639147; -webkit-box-shadow:4px 4px  
4px 4px #639147; box-shadow:4px 4px 4px  
4px #639147 }
```

# Background

The CSS property to change the background color of an element to Hex 639147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#639147 }
```

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

```
.background{ background-color:#639147 }
```

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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