

# Converting Colors

Hex(639A57)

Have a look what the booklet for  
Hex(639A57) contains.

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**Color**

**Hex(639A57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	639A57
RGB	99, 154, 87
RGB Percent	39%, 60%, 34%
CMY	0.6118, 0.3961, 0.6588
CMYK	0.36, 0.00, 0.44, 0.40
HSL	109°, 28%, 47%
HSV	109°, 44%, 60%
XYZ	18.4215, 26.4520, 13.1517
YIQ	129.9170, -11.2730, -32.4970

# Conversions

## Conversions Part 2

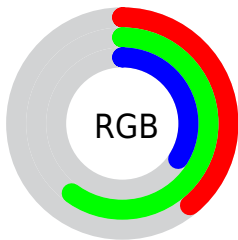
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 154, 142
Decimal	6527575
CIELab	58.46, -31.61, 29.52
CIElCh	58, 43.251, 136.955
Yxy	26.4520, 0.3175, 0.4559
Android (android.graphics.Color)	4284717655 (0xFF639A57)
YUV	129.9170, -21.1581, -27.1142
Hunter-Lab	51.4315, -26.0708, 20.8409

# Details

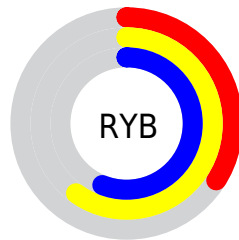
The Hex color **639A57** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E579A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **98D18A**, and **306628** is the 20% darker color. If you saturate the color by 10%, you get **569A48**, and if you desaturate by 10%, it is **709A66**.

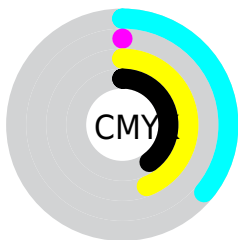
# Distribution



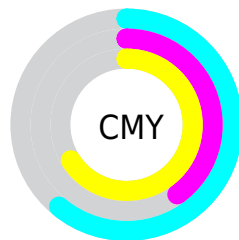
- Red (39%)
- Green (60%)
- Blue (34%)



- Red (34%)
- Yellow (60%)
- Blue (56%)



- Cyan (36%)
- Magenta (0%)
- Yellow (44%)
- Black (40%)



- Cyan (61%)
- Magenta (40%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 639A57 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 639A57 by changing the saturation by 10% instead.





639A57



639A57

FFFFFF



49803F



98D18A



306628



B4EDA4



154E10



D0FFC0



003600



ECFFDC



002300



FFFFFF9



000000



639A57



639A57



569A48



709A66



4A9A38



7C9A76

 3D9A29

 899A85

 309A19

 969A95

 249A0A

 A29AA4

 1C9A00

 AF9AB3

 BB9AC3

 C89AD2

 D59AE2

# Harmonies

## Analogous

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



8E9141



639A57



209F7A

# Triad

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



639A57



0095D6



D46E78

# Complementary

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



639A57



8E579A

# 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.



CB6F9F



639A57



7489D5

# Square

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



639A57



009DC3



AB7AC1



CA7757

# Rectangle

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



639A57



00A095



AB7AC1



D36D85



# Sweetspot

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



639A57



B4C9AF



9A8E57



596656



E6E6E6



666666



# Same Dimension

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



639A57



73C961



579A6C



464D45



198C00



020D00



# Inverse Universe

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



8E579A



B761C9



9A5785



4B454D



73008C



0A000D



# Previews

## White Background



This preview shows how the Hex color 639A57 looks on a white background.

## Color Contrast Check

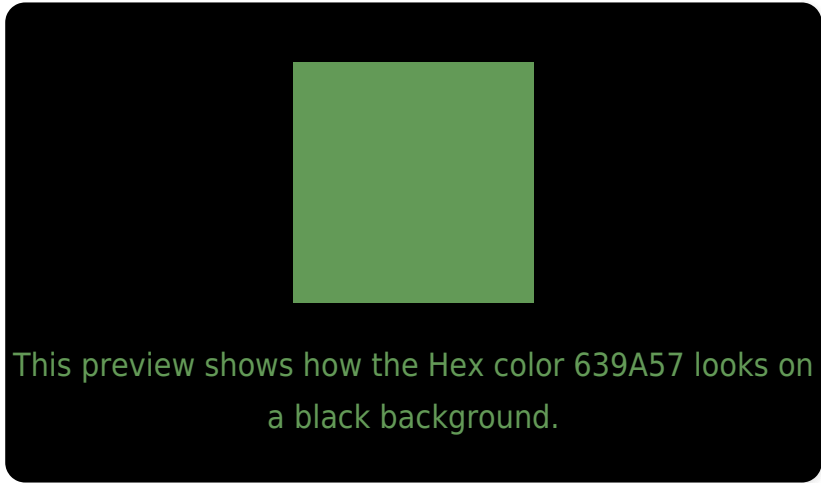
Large Text (above 18pt) WCAG AA ✓ Pass

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 639A57 Background



This preview shows how black text looks on a background with the Hex color 639A57.



This preview shows how white text looks on a background with the Hex color 639A57.

# 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](#).

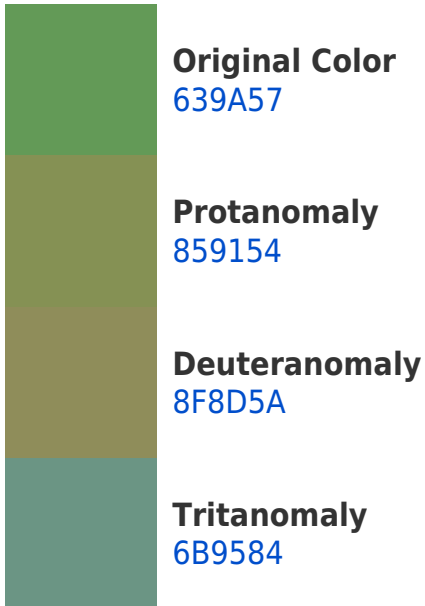
## Dichromacy



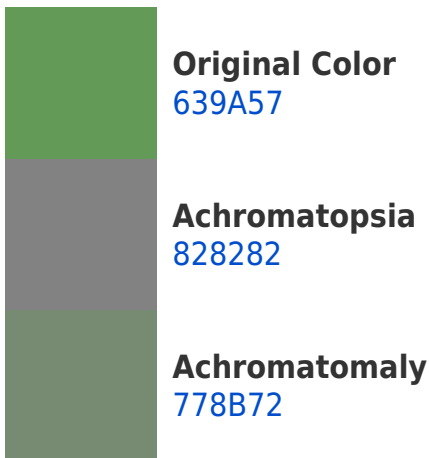


**Tritanopia**  
70929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 639A57 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 #639A57 looks like.

```
.text, #text, p{  
    color:#639A57  
}
```

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 #639A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #639A57
}
```

## Border

The CSS property to change the border of an element to Hex 639A57 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
#639A57 }
```

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

```
.border{ border-color:#639A57 }
```

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

Here you see how a box with a 4 pixel #639A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #639A57; -webkit-box-shadow:4px 4px  
4px 4px #639A57; box-shadow:4px 4px 4px  
4px #639A57 }
```

# Background

The CSS property to change the background color of an element to Hex 639A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#639A57 }
```

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

```
.background{ background-color:#639A57 }
```

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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