

# Converting Colors

Hex(39A357)

Have a look what the booklet for  
Hex(39A357) contains.

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**Color**

**Hex(39A357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39A357
RGB	57, 163, 87
RGB Percent	22%, 64%, 34%
CMY	0.7765, 0.3608, 0.6588
CMYK	0.65, 0.00, 0.47, 0.36
HSL	137°, 48%, 43%
HSV	137°, 65%, 64%
XYZ	16.5048, 27.7524, 13.5037
YIQ	122.6420, -38.7800, -46.1080

# Conversions

## Conversions Part 2

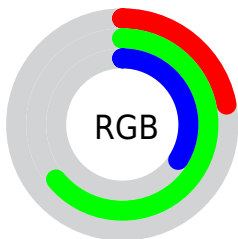
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 140, 163
Decimal	3777367
CIELab	59.66, -47.19, 30.72
CIElCh	60, 56.306, 146.938
Yxy	27.7524, 0.2857, 0.4805
Android (android.graphics.Color)	4281967447 (0xFF39A357)
YUV	122.6420, -17.5715, -57.5680
Hunter-Lab	52.6805, -36.2667, 21.6785

# Details

The Hex color **39A357** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A33985**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **74DB8A**, and **006E27** is the 20% darker color. If you saturate the color by 10%, you get **29A34B**, and if you desaturate by 10%, it is **49A363**.

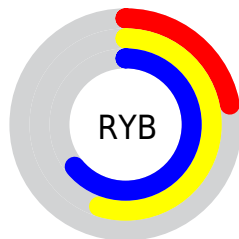
# Distribution



Red (22%)

Green (64%)

Blue (34%)



Red (22%)

Yellow (55%)

Blue (64%)

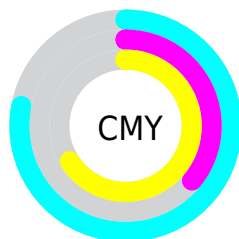


Cyan (65%)

Magenta (0%)

Yellow (47%)

Black (36%)



Cyan (78%)

Magenta (36%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39A357 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 39A357 by changing the saturation by 10% instead.





39A357



39A357

FFFFFF



13883F



74DB8A



006E27



90F8A5



00550F



ADFFC0



003C00



CAFFDC



002700



E7FFF9



000000



39A357



39A357



29A34B



49A363



18A340



5AA36E

 08A334

 6AA37A

 00A32E

 7AA386

 8BA391

 9BA39D

 ABA3A9

 BBA3B4

 CCA3C0

# Harmonies

## Analogous

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



7E9A30



39A357



00A789

# Triad

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



39A357



0097F3



E86766

# Complementary

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



39A357



A33985

# 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.



E66297



39A357



8885E8

# Square

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



39A357



00A2E2



C770C6



D3783C

# Rectangle

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



39A357



00A8AB



C770C6



EA6376



# Sweetspot

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



39A357



A9D4B5



87A339



516B59



EBEBEB



6B6B6B



# Same Dimension

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



39A357



2FD45D



39A38A



49524C



009129



001205



# Inverse Universe

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



A33985



D42FA5



A33952



52494F



910068



12000D



# Previews

## White Background



This preview shows how the Hex color 39A357 looks on a white background.

## Color Contrast Check

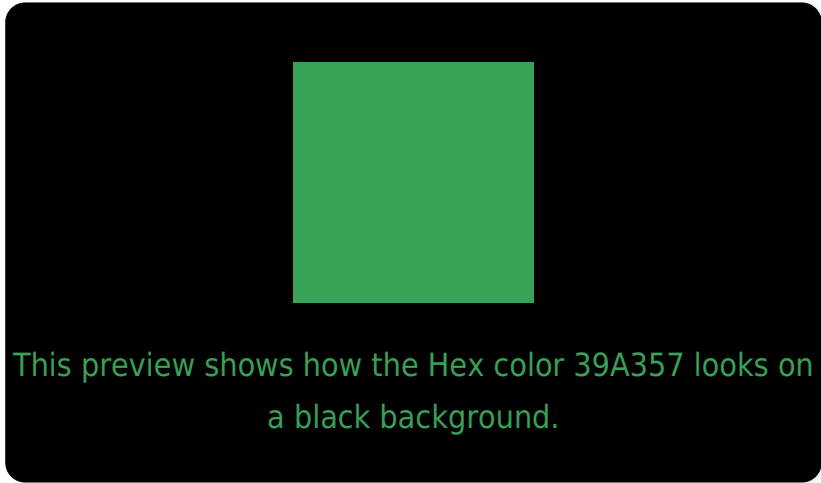
Large Text (above 18pt) WCAG AA ✓ Pass

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 39A357 Background



This preview shows how black text looks on a background with the Hex color 39A357.

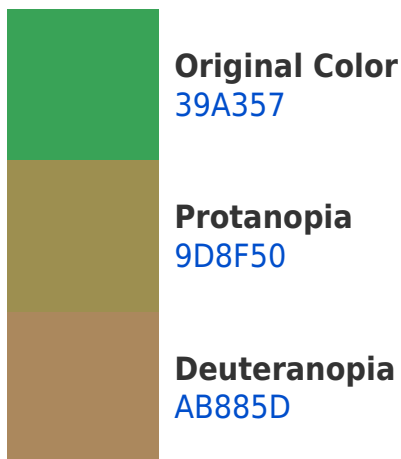


This preview shows how white text looks on a background with the Hex color 39A357.

# 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](#).

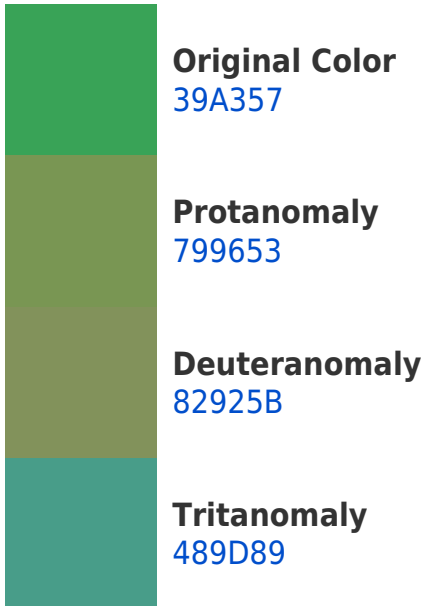
## Dichromacy





**Tritanopia**  
519AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39A357 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 #39A357 looks like.

```
.text, #text, p{  
    color:#39A357  
}
```

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 #39A357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39A357
}
```

## Border

The CSS property to change the border of an element to Hex 39A357 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
#39A357 }
```

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

```
.border{ border-color:#39A357 }
```

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

Here you see how a box with a 4 pixel #39A357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39A357; -webkit-box-shadow:4px 4px  
4px 4px #39A357; box-shadow:4px 4px 4px  
4px #39A357 }
```

# Background

The CSS property to change the background color of an element to Hex 39A357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39A357 }
```

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

```
.background{ background-color:#39A357 }
```

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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