

# Converting Colors

Hex(39C639)

Have a look what the booklet for  
Hex(39C639) contains.

<b>Hex(39C639)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(39C639)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39C639
RGB	57, 198, 57
RGB Percent	22%, 78%, 22%
CMY	0.7765, 0.2235, 0.7765
CMYK	0.71, 0.00, 0.71, 0.22
HSL	120°, 55%, 50%
HSV	120°, 71%, 78%
XYZ	22.6199, 41.5534, 10.6993
YIQ	139.7670, -38.7750, -73.7430

# Conversions

## Conversions Part 2

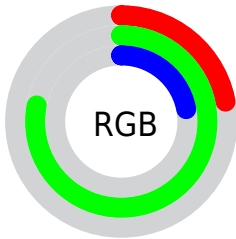
Format	Color
<a href="#">RYB</a>	<a href="#">57, 198, 198</a>
Decimal	<a href="#">3786297</a>
CIELab	<a href="#">70.56, -63.26, 56.95</a>
CIELCh	<a href="#">71, 85.120, 138.003</a>
Yxy	<a href="#">41.5534, 0.3021, 0.5550</a>
Android (android.graphics.Color)	<a href="#">4281976377 (0xFF39C639)</a>
YUV	<a href="#">139.7670, -40.8041, -72.5867</a>
Hunter-Lab	<a href="#">64.4620, -50.1721, 35.2825</a>

# Details

The Hex color **39C639** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C639C6**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7CFF70**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **25C625**, and if you desaturate by 10%, it is **4DC64D**.

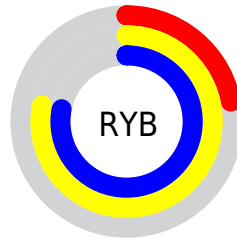
# Distribution



Red (22%)

Green (78%)

Blue (22%)



Red (22%)

Yellow (78%)

Blue (78%)

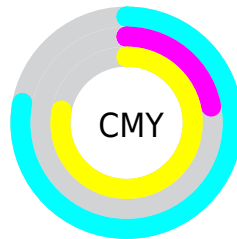


Cyan (71%)

Magenta (0%)

Yellow (71%)

Black (22%)



Cyan (78%)

Magenta (22%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39C639 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 39C639 by changing the saturation by 10% instead.



 39C639

 39C639

FFFFFF

 00AA1A

 7CFF70

 008F00

 9AFF8B

 007400


 B9FFA7

 005A00

 D7FFC3

 004100

 F6FFE0

 002900

FFFFFFD

 000400

 000000

 39C639

 39C639

 25C625

 4DC64D

 11C611

 61C661

 00C600

 74C674

 88C688

 9CC69C

 B0C6B0

 C4C6C4

 D7C6D7

 EBC6EB

# Harmonies

## Analogous

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



A3B700



39C639



00CD8A

# Triad

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



39C639



00BFFF



FF5982

# Complementary

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



39C639



C639C6

# 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.



FF5BCF



39C639



5BA6FF

# Square

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



39C639



00CCFF



E980FF



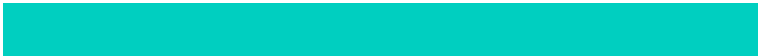
FF7B39

# Rectangle

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



39C639



00CFC0



E980FF



FF549B

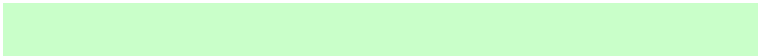


# Sweetspot

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



39C639



C9FFC9



C6C639



608060



000000



808080



# Same Dimension

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



39C639



26FF26



39C680



5A635A



00A300



002400



# Inverse Universe

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



C639C6



FF26FF



C63980



635A63



A300A3

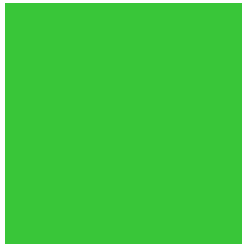


240024



# Previews

## White Background



This preview shows how the Hex color 39C639 looks on a white background.

## Color Contrast Check

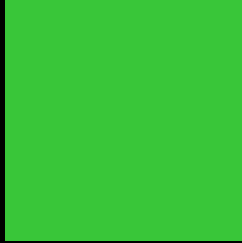
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 39C639 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 39C639 Background



This preview shows how black text looks on a background with the Hex color 39C639.



This preview shows how white text looks on a background with the Hex color 39C639.

# 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](#).

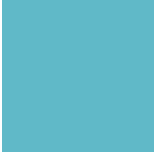
## Dichromacy



**Original Color**  
39C639

**Protanopia**  
C0AB32

**Deuteranopia**  
D5A346



**Tritanopia**  
60B9C8

# Trichromacy



**Original Color**  
39C639



**Protanomaly**  
8FB535



**Deuteranomaly**  
9CB041



**Tritanomaly**  
52BE94

# Monochromacy



**Original Color**  
39C639



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
6EA16E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39C639 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 #39C639 looks like.

```
.text, #text, p{  
    color:#39C639  
}
```

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 #39C639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39C639
}
```

## Border

The CSS property to change the border of an element to Hex 39C639 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
#39C639 }
```

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

```
.border{ border-color:#39C639 }
```

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

Here you see how a box with a 4 pixel #39C639 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39C639; -webkit-box-shadow:4px 4px  
4px 4px #39C639; box-shadow:4px 4px 4px  
4px #39C639 }
```

# Background

The CSS property to change the background color of an element to Hex 39C639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39C639 }
```

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

```
.background{ background-color:#39C639 }
```

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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