

# Converting Colors

Hex(39C53B)

Have a look what the booklet for  
Hex(39C53B) contains.

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**Color**

**Hex(39C53B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39C53B
RGB	57, 197, 59
RGB Percent	22%, 77%, 23%
CMY	0.7765, 0.2275, 0.7686
CMYK	0.71, 0.00, 0.70, 0.23
HSL	121°, 55%, 50%
HSV	121°, 71%, 77%
XYZ	22.4430, 41.1181, 10.8914
YIQ	139.4080, -39.1420, -72.5980

# Conversions

## Conversions Part 2

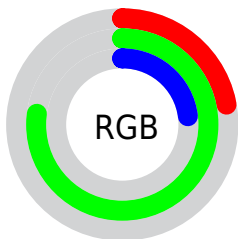
Format	Color
<a href="#">RYB</a>	<a href="#">57, 195, 197</a>
Decimal	<a href="#">3786043</a>
CIELab	<a href="#">70.26, -62.76, 55.88</a>
CIELCh	<a href="#">70, 84.035, 138.319</a>
Yxy	<a href="#">41.1181, 0.3014, 0.5523</a>
Android (android.graphics.Color)	<a href="#">4281976123</a> ( <a href="#">0xFF39C53B</a> )
YUV	<a href="#">139.4080, -39.6411, -72.2718</a>
Hunter-Lab	<a href="#">64.1234, -49.7415, 34.8160</a>

# Details

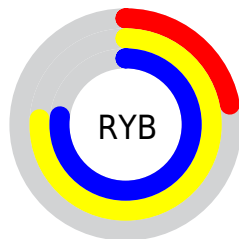
The Hex color **39C53B** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C539C3**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7CFF71**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **25C528**, and if you desaturate by 10%, it is **4DC54E**.

# Distribution



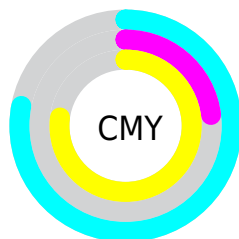
- Red (22%)
- Green (77%)
- Blue (23%)



- Red (22%)
- Yellow (76%)
- Blue (77%)



- Cyan (71%)
- Magenta (0%)
- Yellow (70%)
- Black (23%)



- Cyan (78%)
- Magenta (23%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39C53B 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 39C53B by changing the saturation by 10% instead.



 39C53B

 39C53B

FFFFFF

 00A91D

 7CFF71

 008E00

 9AFF8D

 007300

 B8FFA8

 005900

 D6FFC5

 004000

 F5FFE1

 002900

 000200

 000000

 39C53B

 39C53B

 25C528

 4DC54E

 12C514

 60C562

 00C503

 74C575

 88C589

 9CC59C

 AFC5B0

 C3C5C3

 D7C5D6

 EAC5EA

# Harmonies

## Analogous

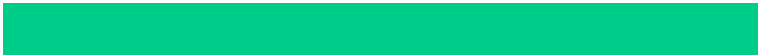
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2B600



39C53B



00CC8A

# Triad

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



39C53B



00BEFF



FF5A81

# Complementary

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



39C53B



C539C3

# 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.



FF5CCD



39C53B



5FA4FF

# Square

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



39C53B



00CAFF



E880FF



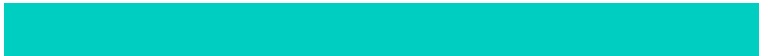
FF7B39

# Rectangle

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



39C53B



00CEC0



E880FF



FF559A

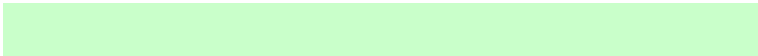


# Sweetspot

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



39C53B



C9FFCA



C5C539



608060



000000



808080



# Same Dimension

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



39C53B



26FF29



39C57F



5A635A



00A302



002401



# Inverse Universe

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



C539C3



FF26FC



C5397F



635A63



A300A1

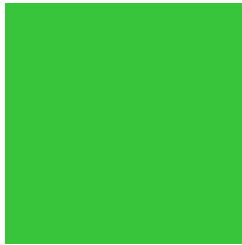


240023



# Previews

## White Background



This preview shows how the Hex color 39C53B 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 39C53B 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 39C53B Background



This preview shows how black text looks on a background with the Hex color 39C53B.

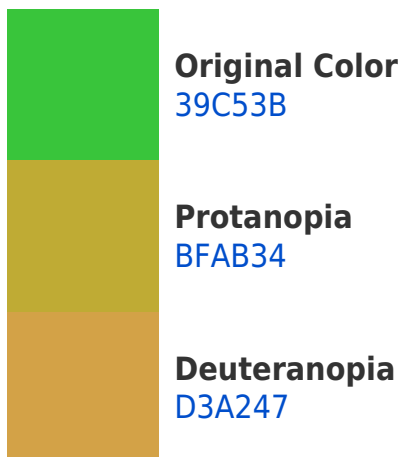


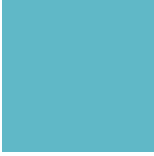
This preview shows how white text looks on a background with the Hex color 39C53B.

# 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](#).

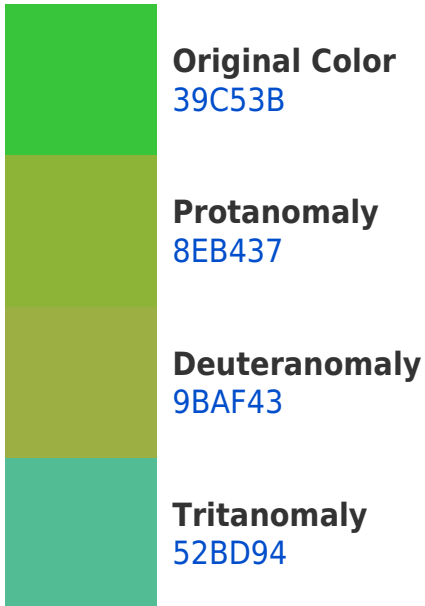
## Dichromacy



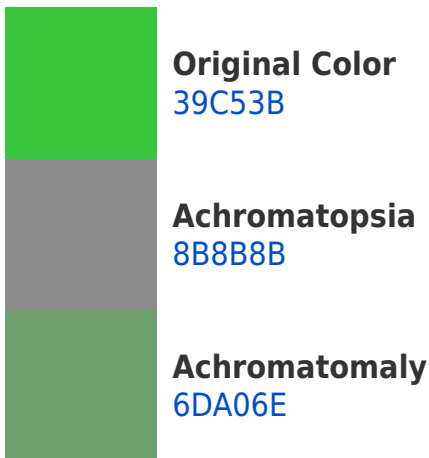


**Tritanopia**  
60B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39C53B 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 #39C53B looks like.

```
.text, #text, p{  
    color:#39C53B  
}
```

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 #39C53B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39C53B
}
```

## Border

The CSS property to change the border of an element to Hex 39C53B 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
#39C53B }
```

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

```
.border{ border-color:#39C53B }
```

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

Here you see how a box with a 4 pixel #39C53B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39C53B; -webkit-box-shadow:4px 4px  
4px 4px #39C53B; box-shadow:4px 4px 4px  
4px #39C53B }
```

# Background

The CSS property to change the background color of an element to Hex 39C53B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39C53B }
```

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

```
.background{ background-color:#39C53B }
```

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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