

# Converting Colors

Hex(39C651)

Have a look what the booklet for  
Hex(39C651) contains.

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**Color**

**Hex(39C651)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39C651
RGB	57, 198, 81
RGB Percent	22%, 78%, 32%
CMY	0.7765, 0.2235, 0.6824
CMYK	0.71, 0.00, 0.59, 0.22
HSL	130°, 55%, 50%
HSV	130°, 71%, 78%
XYZ	23.3666, 41.8521, 14.6313
YIQ	142.5030, -46.4790, -66.2790

# Conversions

## Conversions Part 2

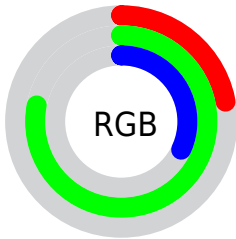
Format	Color
<a href="#">RYB</a>	<a href="#">57, 177, 198</a>
Decimal	<a href="#">3786321</a>
CIELab	<a href="#">70.77, -60.78, 47.16</a>
CIELCh	<a href="#">71, 76.930, 142.191</a>
Yxy	<a href="#">41.8521, 0.2926, 0.5241</a>
Android (android.graphics.Color)	<a href="#">4281976401 (0xFF39C651)</a>
YUV	<a href="#">142.5030, -30.3210, -74.9861</a>
Hunter-Lab	<a href="#">64.6932, -48.7404, 31.8760</a>

# Details

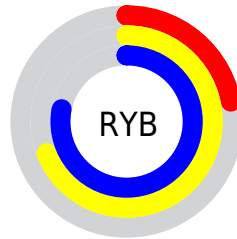
The Hex color **39C651** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C639AE**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7BFF86**, and **008F1B** is the 20% darker color. If you saturate the color by 10%, you get **25C641**, and if you desaturate by 10%, it is **4DC661**.

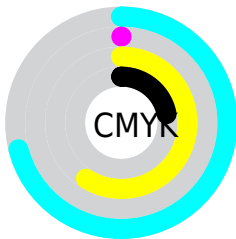
# Distribution



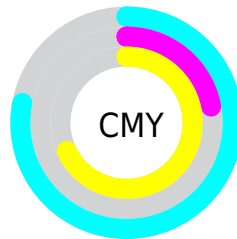
- Red (22%)
- Green (78%)
- Blue (32%)



- Red (22%)
- Yellow (69%)
- Blue (78%)



- Cyan (71%)
- Magenta (0%)
- Yellow (59%)
- Black (22%)



- Cyan (78%)
- Magenta (22%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39C651 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 39C651 by changing the saturation by 10% instead.



 39C651

 39C651

FFFFFF

 00AA37

 7BFF86

 008F1B

 99FFA1

 007400

 B7FFBD

 005A00

 D5FFD9

 004100

 F4FFF6

 002A00

 000500


 000000

 39C651

 39C651

 25C641

 4DC661

 11C630

 61C672

 00C622

 74C682

 88C693

 9CC6A3

 B0C6B4

 C4C6C4

 D7C6D4

 EBC6E5

# Harmonies

## Analogous

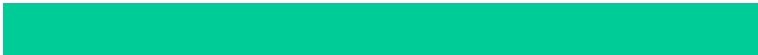
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DB904



39C651



00CC98

# Triad

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



39C651



00BBFF



FF6A7D

# Complementary

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



39C651



C639AE

# 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.



FF67C3



39C651



86A2FF

# Square

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



39C651



00C8FF



EF82FF



FF863D

# Rectangle

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



39C651



00CEC9



EF82FF



FF6594

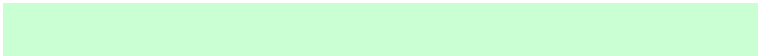


# Sweetspot

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



39C651



C9FFD3



AFC639



608065



000000



808080



# Same Dimension

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



39C651



26FF4B



39C697



5A635B



00A31C



002406



# Inverse Universe

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



C639AE



FF26DA



C63968



635A62



A30087

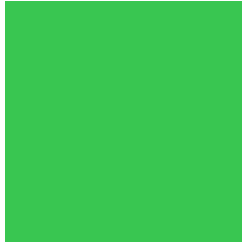


24001E



# Previews

## White Background



This preview shows how the Hex color 39C651 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 39C651 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 39C651 Background



This preview shows how black text looks on a background with the Hex color 39C651.

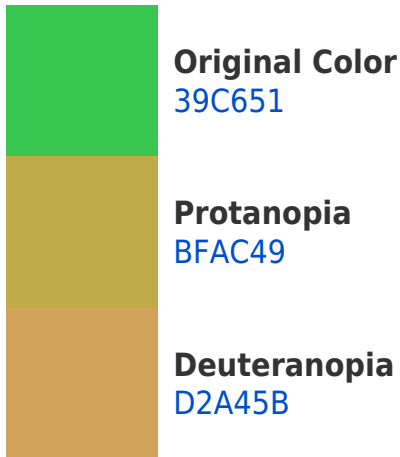


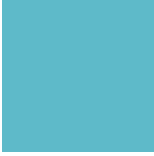
This preview shows how white text looks on a background with the Hex color 39C651.

# Color Blindness Simulation

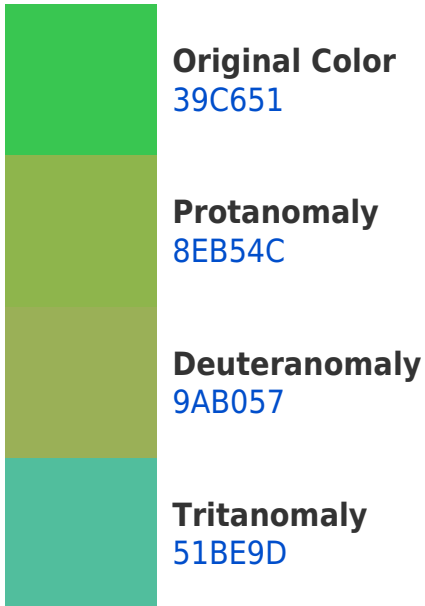
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

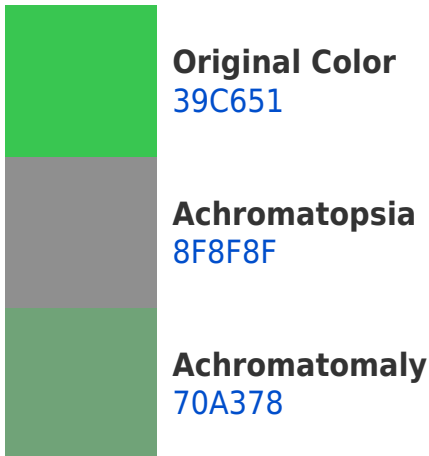




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39C651 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 #39C651 looks like.

```
.text, #text, p{  
    color:#39C651  
}
```

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 #39C651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39C651
}
```

## Border

The CSS property to change the border of an element to Hex 39C651 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
#39C651 }
```

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

```
.border{ border-color:#39C651 }
```

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

Here you see how a box with a 4 pixel #39C651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39C651; -webkit-box-shadow:4px 4px  
4px 4px #39C651; box-shadow:4px 4px 4px  
4px #39C651 }
```

# Background

The CSS property to change the background color of an element to Hex 39C651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39C651 }
```

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

```
.background{ background-color:#39C651 }
```

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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