

Converting Colors

Hex(39C850)

Have a look what the booklet for
Hex(39C850) contains.

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Color

Hex(39C850)

Conversions

Conversions Part 1

Format	Color
Hex	39C850
RGB	57, 200, 80
RGB Percent	22%, 78%, 31%
CMY	0.7765, 0.2157, 0.6863
CMYK	0.71, 0.00, 0.60, 0.22
HSL	130°, 57%, 50%
HSV	130°, 72%, 78%
XYZ	23.7896, 42.7576, 14.5886
YIQ	143.5630, -46.7080, -67.6360

Conversions

Conversions Part 2

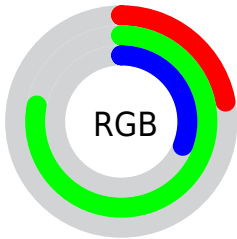
Format	Color
RYB	57, 180, 200
Decimal	3786832
CIELab	71.39, -61.58, 48.33
CIELCh	71, 78.281, 141.872
Yxy	42.7576, 0.2932, 0.5270
Android (android.graphics.Color)	4281976912 (0xFF39C850)
YUV	143.5630, -31.3366, -75.9158
Hunter-Lab	65.3893, -49.4903, 32.5447

Details

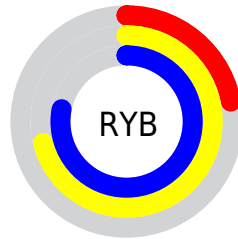
The Hex color **39C850** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C839B1**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7BFF85**, and **00911A** is the 20% darker color. If you saturate the color by 10%, you get **25C83F**, and if you desaturate by 10%, it is **4DC861**.

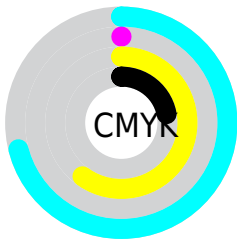
Distribution



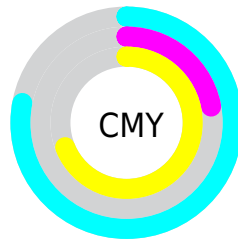
- Red (22%)
- Green (78%)
- Blue (31%)



- Red (22%)
- Yellow (71%)
- Blue (78%)



- Cyan (71%)
- Magenta (0%)
- Yellow (60%)
- Black (22%)



- Cyan (78%)
- Magenta (22%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39C850 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 39C850 by changing the saturation by 10% instead.

 39C850

 39C850

FFFFFF

 00AC36

 7BFF85

 00911A

 9AFFA0

 007600

 B8FFBC

 005C00

 D6FFD8

 004300

 F4FFF5

 002C00

 000A00

 000000

 39C850

 39C850

 25C83F

 4DC861

 11C82E

 61C872

 00C820

 75C882

 89C893

 9DC8A4

 B1C8B5

 C5C8C5

 D9C8D6

 EDC8E7

Harmonies

Analogous

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



9FBB00



39C850



00CE98

Triad

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



39C850



00BDFE



FF6A7E

Complementary

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



39C850



C839B1

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.



FF67C5



39C850



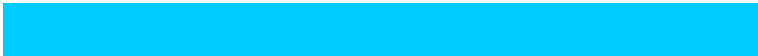
85A4FF

Square

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



39C850



00CBFF



F183FF



FF873D

Rectangle

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



39C850



00D0CA



F183FF



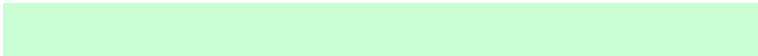
FF6596

Sweetspot

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



39C850



C9FFD2



B3C839



608065



000000



808080

Same Dimension

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



39C850



24FF47



39C896



5A635B



00A31A



002406

Inverse Universe

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



C839B1



FF24DC



C8396B



635A62



A30089



24001E

Previews

White Background



This preview shows how the Hex color 39C850 looks on a white background.

Color Contrast Check

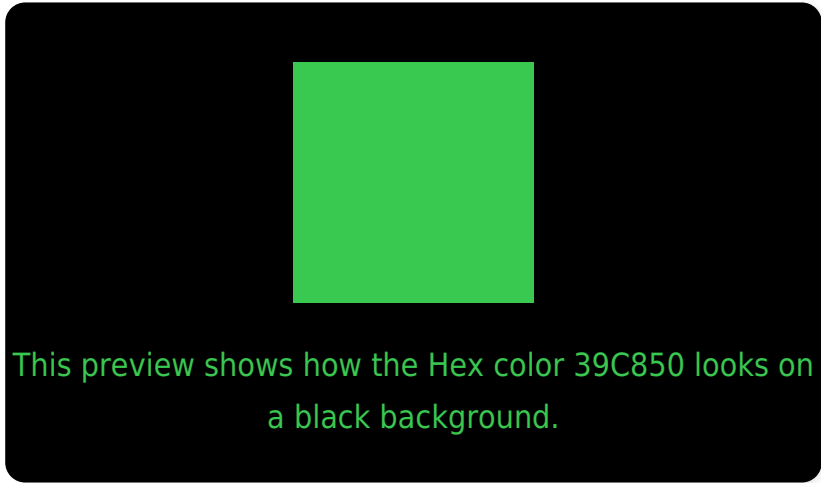
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

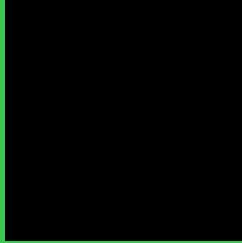
Any Text WCAG AA ✓ Pass

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 39C850 Background



This preview shows how black text looks on a background with the Hex color 39C850.

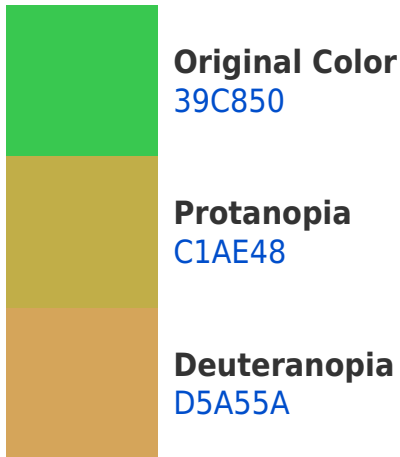


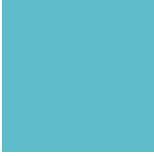
This preview shows how white text looks on a background with the Hex color 39C850.

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



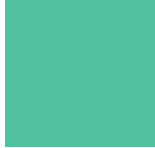
Original Color
39C850



Protanomaly
90B74B



Deuteranomaly
9CB256



Tritanomaly
51C09E

Monochromacy



Original Color
39C850



Achromatopsia
909090



Achromatomaly
70A479

CSS Examples

Text

The CSS property to change the color of the text to Hex 39C850 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 #39C850 looks like.

```
.text, #text, p{  
    color:#39C850  
}
```

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 #39C850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39C850
}
```

Border

The CSS property to change the border of an element to Hex 39C850 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
#39C850 }
```

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

```
.border{ border-color:#39C850 }
```

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

Here you see how a box with a 4 pixel #39C850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39C850; -webkit-box-shadow:4px 4px  
4px 4px #39C850; box-shadow:4px 4px 4px  
4px #39C850 }
```

Background

The CSS property to change the background color of an element to Hex 39C850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39C850 }
```

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

```
.background{ background-color:#39C850 }
```

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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