

Converting Colors

Hex(39E00C)

Have a look what the booklet for
Hex(39E00C) contains.

Hex(39E00C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(39E00C)

Conversions

Conversions Part 1

Format	Color
Hex	39E00C
RGB	57, 224, 12
RGB Percent	22%, 88%, 5%
CMY	0.7765, 0.1216, 0.9529
CMYK	0.75, 0.00, 0.95, 0.12
HSL	107°, 90%, 46%
HSV	107°, 95%, 88%
XYZ	28.4094, 54.2077, 9.3136
YIQ	149.8990, -31.4800, -101.3360

Conversions

Conversions Part 2

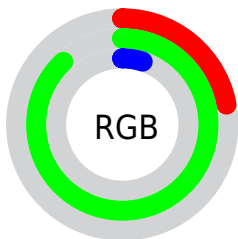
Format	Color
RYB	12, 224, 179
Decimal	3792908
CIELab	78.58, -73.38, 74.95
CIELCh	79, 104.891, 134.392
Yxy	54.2077, 0.3090, 0.5897
Android (android.graphics.Color)	4281982988 (0xFF39E00C)
YUV	149.8990, -67.9842, -81.4724
Hunter-Lab	73.6259, -59.9691, 44.0380

Details

The Hex color **39E00C** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **B30CE0**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **83FF59**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **30E000**, and if you desaturate by 10%, it is **4BE022**.

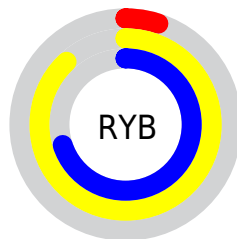
Distribution



Red (22%)

Green (88%)

Blue (5%)



Red (5%)

Yellow (88%)

Blue (70%)

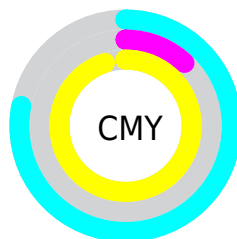


Cyan (75%)

Magenta (0%)

Yellow (95%)

Black (12%)



Cyan (78%)

Magenta (12%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39E00C 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 39E00C by changing the saturation by 10% instead.

 39E00C

 39E00C

FFFFFF

 00C300

 83FF59

 00A700

 A3FF77

 008C00

 C2FF94

 007100

 E2FFB1

 005600

 FFFFCE

 003E00

 FFFFEC

 002400

 000000

 39E00C

 39E00C

 30E000

 4BE022

 5CE039

 6EE04F

 80E066

 91E07C

 A3E092

 B5E0A9

 C6E0BF

 D8E0D6

Harmonies

Analogous

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



BFCD00



39E00C



00E98A

Triad

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



39E00C



00DCFF



FF4498

Complementary

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



39E00C



B30CE0

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.



FF53FA



39E00C



00BFFF

Square

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



39E00C



00EAFB



FE8FFF



FF7939

Rectangle

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



39E00C



00ECCF



FE8FFF



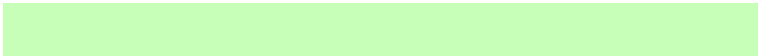
FF3EB9

Sweetspot

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



39E00C



C7FFB8



E0B20C



5D8054



000000



808080

Same Dimension

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



39E00C



36FF00



0CE048



677065



25B000



0A3000

Inverse Universe

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



B30CE0



C900FF



E00CA4



6E6570



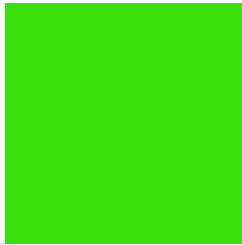
8B00B0



260030

Previews

White Background



This preview shows how the Hex color 39E00C 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 39E00C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

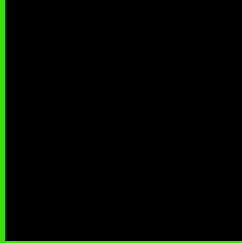
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

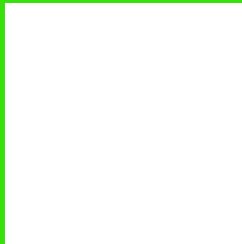
Any Text WCAG AAA ✓ Pass

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

Hex 39E00C Background



This preview shows how black text looks on a background with the Hex color 39E00C.

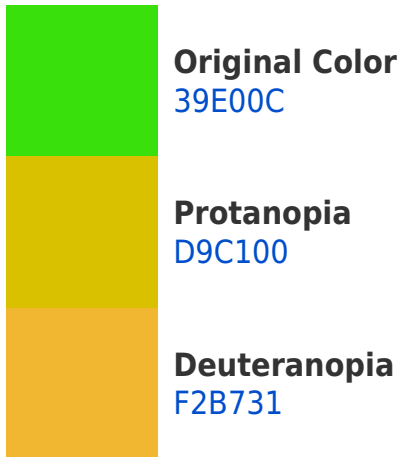


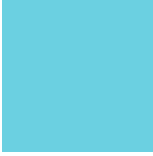
This preview shows how white text looks on a background with the Hex color 39E00C.

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](#).

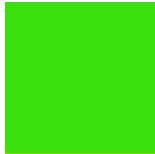
Dichromacy





Tritanopia
6BD0E1

Trichromacy



Original Color
39E00C



Protanomaly
9FCC04

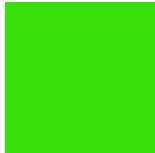


Deuteranomaly
AFC624



Tritanomaly
59D694

Monochromacy



Original Color
39E00C



Achromatopsia
969696



Achromatomaly
74B164

CSS Examples

Text

The CSS property to change the color of the text to Hex 39E00C 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 #39E00C looks like.

```
.text, #text, p{  
    color:#39E00C  
}
```

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 #39E00C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39E00C
}
```

Border

The CSS property to change the border of an element to Hex 39E00C 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".

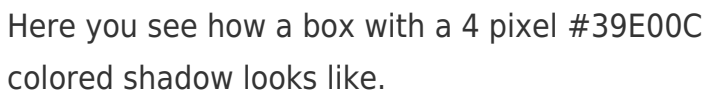
```
.border, #border, table{ border:4px solid
#39E00C }
```

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

```
.border{ border-color:#39E00C }
```

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

Here you see how a box with a 4 pixel #39E00C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39E00C; -webkit-box-shadow:4px 4px  
4px 4px #39E00C; box-shadow:4px 4px 4px  
4px #39E00C }
```

Background

The CSS property to change the background color of an element to Hex 39E00C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39E00C }
```

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

```
.background{ background-color:#39E00C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor