

Converting Colors

Hex(39EA17)

Have a look what the booklet for
Hex(39EA17) contains.

Hex(39EA17)	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(39EA17)

Conversions

Conversions Part 1

Format	Color
Hex	39EA17
RGB	57, 234, 23
RGB Percent	22%, 92%, 9%
CMY	0.7765, 0.0824, 0.9098
CMYK	0.76, 0.00, 0.90, 0.08
HSL	110°, 83%, 50%
HSV	110°, 90%, 92%
XYZ	31.2648, 59.7774, 10.7010
YIQ	157.0230, -37.7610, -103.1450

Conversions

Conversions Part 2

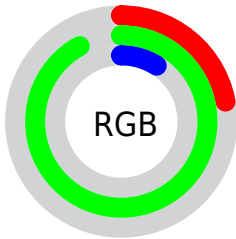
Format	Color
R _Y B	23, 234, 200
Decimal	3795479
CIE Lab	81.72, -76.04, 76.18
CIE LCh	82, 107.639, 134.948
Yxy	59.7774, 0.3073, 0.5875
Android (android.graphics.Color)	4281985559 (0xFF39EA17)
YUV	157.0230, -66.0733, -87.7202
Hunter-Lab	77.3158, -63.1212, 45.9150

Details

The Hex color **39EA17** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **C817EA**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **85FF5F**, and **00B100** is the 20% darker color. If you saturate the color by 10%, you get **26EA00**, and if you desaturate by 10%, it is **4DEA2E**.

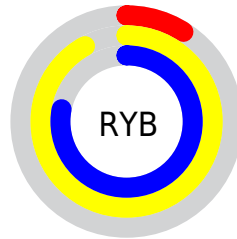
Distribution



Red (22%)

Green (92%)

Blue (9%)



Red (9%)

Yellow (92%)

Blue (78%)

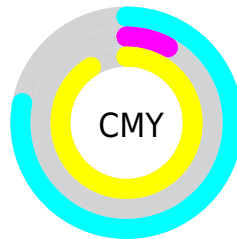


Cyan (76%)

Magenta (0%)

Yellow (90%)

Black (8%)



Cyan (78%)

Magenta (8%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39EA17 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 39EA17 by changing the saturation by 10% instead.

 39EA17

 39EA17


FFFFFF

 00CD00

 85FF5F

 00B100

 A5FF7C

 009500

 C5FF99

 007A00

 E5FFB7

 005F00

 FFFFD4

 004500

 FFFFF2

 002C00

 000C00

 000000

 39EA17

 39EA17

 26EA00

 4DEA2E

 60EA46

 74EA5D

 88EA75

 9BEA8C

 AFEAA3

 C2EABB

 D6EAD2

 EAEAEA

Harmonies

Analogous

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



C6D600



39EA17



00F493

Triad

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



39EA17



00E6FF



FF4B9E

Complementary

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



39EA17



C817EA

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.



FF58FF



39EA17



00C7FF

Square

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



39EA17



00F4FF



FF94FF



FF813B

Rectangle

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



39EA17



00F6DA



FF94FF



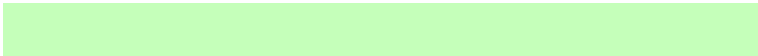
FF44BF

Sweetspot

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



39EA17



C5FFBA



EAC717



5D8057



000000



808080

Same Dimension

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



39EA17



29FF00



17EA5D



6B756A



1DB500



093600

Inverse Universe

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



C817EA



D600FF



EA17A4



736A75



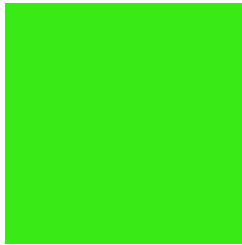
9800B5



2D0036

Previews

White Background



This preview shows how the Hex color 39EA17 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 39EA17 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

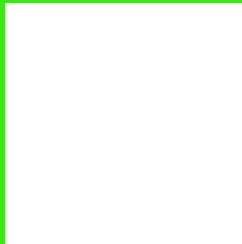
Any Text WCAG AAA ✓ Pass

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

Hex 39EA17 Background



This preview shows how black text looks on a background with the Hex color 39EA17.

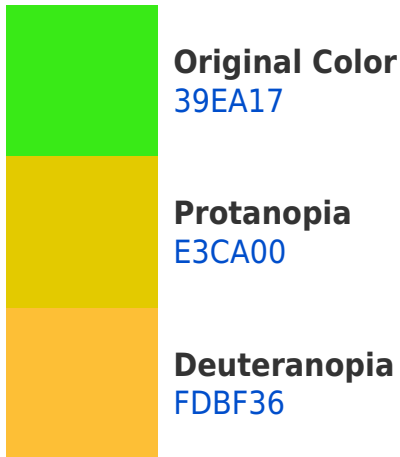


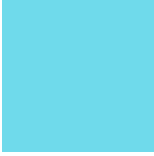
This preview shows how white text looks on a background with the Hex color 39EA17.

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](#).

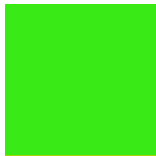
Dichromacy





Tritanopia
6FDAEB

Trichromacy



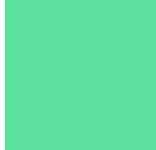
Original Color
39EA17



Protanomaly
A5D608

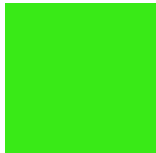


Deuteranomaly
B6CF2B

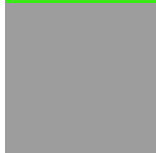


Tritanomaly
5BE09E

Monochromacy



Original Color
39EA17



Achromatopsia
9D9D9D



Achromatomaly
79B96C

CSS Examples

Text

The CSS property to change the color of the text to Hex 39EA17 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 #39EA17 looks like.

```
.text, #text, p{  
    color:#39EA17  
}
```

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 #39EA17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39EA17
}
```

Border

The CSS property to change the border of an element to Hex 39EA17 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
#39EA17 }
```

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

```
.border{ border-color:#39EA17 }
```

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

Here you see how a box with a 4 pixel #39EA17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39EA17; -webkit-box-shadow:4px 4px  
4px 4px #39EA17; box-shadow:4px 4px 4px  
4px #39EA17 }
```

Background

The CSS property to change the background color of an element to Hex 39EA17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39EA17 }
```

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

```
.background{ background-color:#39EA17 }
```

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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