

# Converting Colors

Hex(339E1C)

Have a look what the booklet for  
Hex(339E1C) contains.

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# Color

Hex(339E1C)

# Conversions

## Conversions Part 1

Format	Color
Hex	339E1C
RGB	51, 158, 28
RGB Percent	20%, 62%, 11%
CMY	0.8000, 0.3804, 0.8902
CMYK	0.68, 0.00, 0.82, 0.38
HSL	109°, 70%, 36%
HSV	109°, 82%, 62%
XYZ	13.8017, 25.2414, 5.2433
YIQ	111.1870, -22.0420, -63.1140

# Conversions

## Conversions Part 2

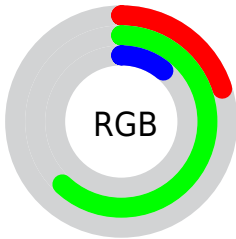
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 158, 135
Decimal	3382812
CIE Lab	57.31, -53.19, 53.63
CIE LCh	57, 75.533, 134.760
Yxy	25.2414, 0.3116, 0.5700
Android (android.graphics.Color)	4281572892 (0xFF339E1C)
YUV	111.1870, -41.0112, -52.7840
Hunter-Lab	50.2408, -38.8854, 28.9809

# Details

The Hex color **339E1C** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **871C9E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **71D654**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **269E0C**, and if you desaturate by 10%, it is **409E2C**.

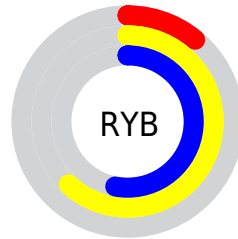
# Distribution



Red (20%)

Green (62%)

Blue (11%)



Red (11%)

Yellow (62%)

Blue (53%)

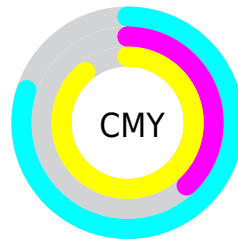


Cyan (68%)

Magenta (0%)

Yellow (82%)

Black (38%)



Cyan (80%)

Magenta (38%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 339E1C 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 339E1C by changing the saturation by 10% instead.





339E1C



339E1C

FFFFFF



008300



71D654



006900



8EF26F



005000



ABFF8A



003800



C8FFA6



002100



E6FFC2



000000



FFFFDE



FFFFFC



339E1C



339E1C

 269E0C

 409E2C

 1C9E00

 4D9E3C

 5A9E4B

 679E5B

 749E6B

 819E7B

 8E9E8B

 9B9E9A

 A89EAA

# Harmonies

## Analogous

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



889100



339E1C



00A564

# Triad

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



339E1C



009BFF



FD3D6C

# Complementary

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



339E1C



871C9E

# 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.



ED44AE



339E1C



0787FF

# Square

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



339E1C



00A4E6



B467E8



EB5B2D

# Rectangle

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



339E1C



00A793



B467E8



FC3A82



# Sweetspot

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



339E1C



A4CF9B



9E861C



4F6949



E8E8E8



696969



# Same Dimension

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



339E1C



26CF02



1C9E45



494F47



198F00



030F00



# Inverse Universe

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



871C9E



AA02CF



9E1C75



4E474F



76008F



0D000F



# Previews

## White Background



This preview shows how the Hex color 339E1C looks on a white background.

## Color Contrast Check

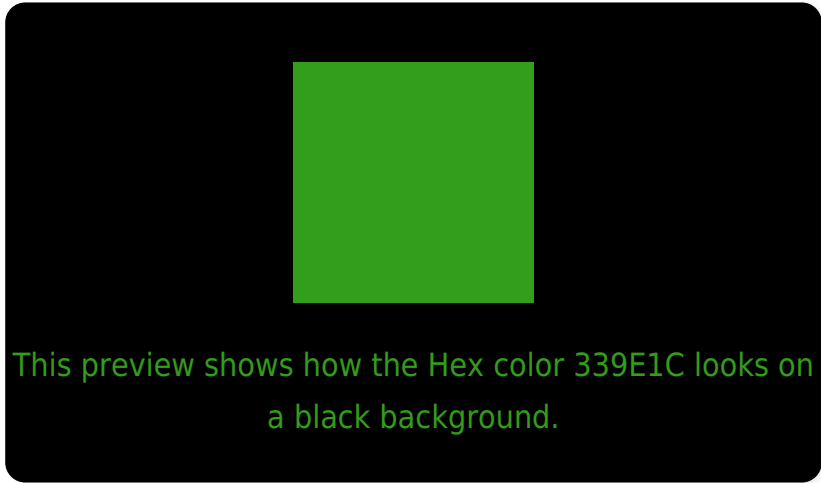
Large Text (above 18pt) WCAG AA ✓ Pass

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

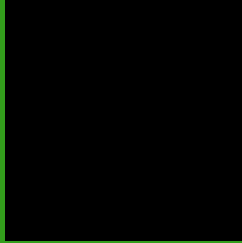
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 339E1C Background



This preview shows how black text looks on a background with the Hex color 339E1C.



This preview shows how white text looks on a background with the Hex color 339E1C.

# 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



**Original Color**  
339E1C

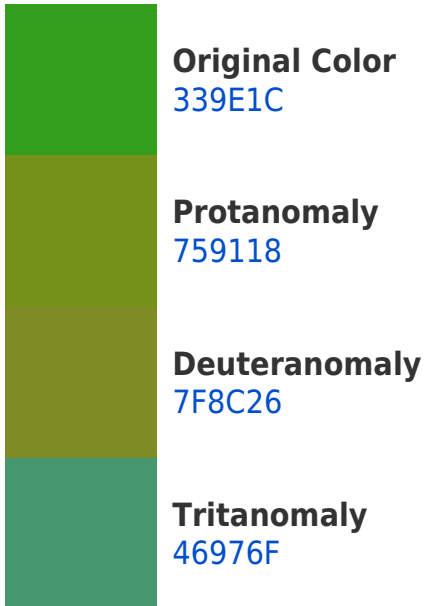
**Protanopia**  
9A8916

**Deuteranopia**  
AB822B

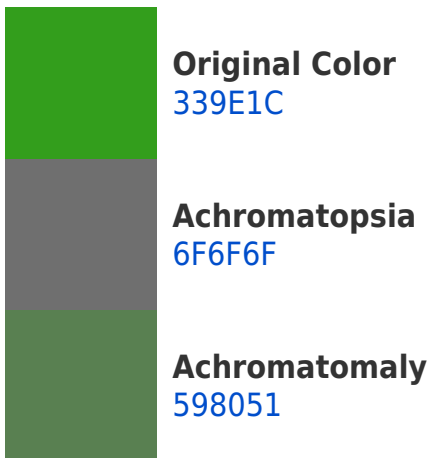


**Tritanopia**  
51939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 339E1C 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 #339E1C looks like.

```
.text, #text, p{  
    color:#339E1C  
}
```

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 #339E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339E1C
}
```

## Border

The CSS property to change the border of an element to Hex 339E1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

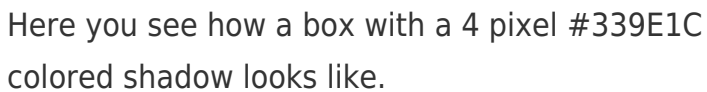
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#339E1C }
```

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

```
.border{ border-color:#339E1C }
```

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



Here you see how a box with a 4 pixel #339E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339E1C; -webkit-box-shadow:4px 4px  
4px 4px #339E1C; box-shadow:4px 4px 4px  
4px #339E1C }
```

# Background

The CSS property to change the background color of an element to Hex 339E1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339E1C }
```

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

```
.background{ background-color:#339E1C }
```

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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