

# Converting Colors

Hex(339011)

Have a look what the booklet for  
Hex(339011) contains.

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**Color**

**Hex(339011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	339011
RGB	51, 144, 17
RGB Percent	20%, 56%, 7%
CMY	0.8000, 0.4353, 0.9333
CMYK	0.65, 0.00, 0.88, 0.44
HSL	104°, 79%, 32%
HSV	104°, 88%, 56%
XYZ	11.4397, 20.6908, 3.9211
YIQ	101.7150, -14.6610, -59.2130

# Conversions

## Conversions Part 2

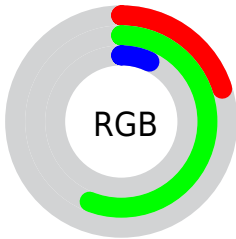
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 144, 110
Decimal	3379217
CIELab	52.61, -48.86, 52.25
CIELCh	53, 71.536, 133.084
Yxy	20.6908, 0.3173, 0.5739
Android (android.graphics.Color)	4281569297 (0xFF339011)
YUV	101.7150, -41.7645, -44.4771
Hunter-Lab	45.4871, -34.7111, 26.7301

# Details

The Hex color **339011** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6E1190**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6EC74B**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **289003**, and if you desaturate by 10%, it is **3E901F**.

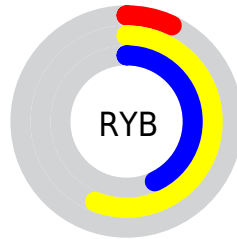
# Distribution



Red (20%)

Green (56%)

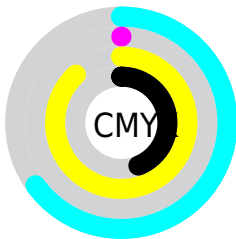
Blue (7%)



Red (7%)

Yellow (56%)

Blue (43%)

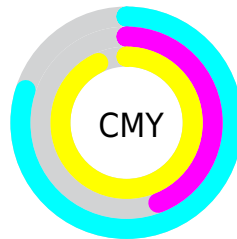


Cyan (65%)

Magenta (0%)

Yellow (88%)

Black (44%)



Cyan (80%)

Magenta (44%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 339011 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 339011 by changing the saturation by 10% instead.



 339011

 339011

FFFFFF

 087600

 6EC74B

 005C00

 8BE366

 004400

 A7FF81

 002E00

 C4FF9C

 001100

 E2FFB8

 000000

 FFFFD4

 FFFFF1

 339011

 339011

■ 289003

■ 3E901F

■ 279000

■ 48902E

■ 53903C

■ 5D904B

■ 689059

■ 729067

■ 7D9076

■ 879084

■ 929093

# Harmonies

## Analogous

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



7F8300



339011



009657

# Triad

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



339011



008EF4



E93466

# Complementary

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



339011



6E1190

# 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.



D83EA3



339011



007CF7

# Square

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



339011



0097D1



A05FD8



DA502B

# Rectangle

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



339011



009882



A05FD8



E7327A



# Sweetspot

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



339011



97BA8A



906C11



495E41



DEDEDE



5E5E5E



# Same Dimension

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



339011



32BA00



11902D



424740



248700



020800



# Inverse Universe

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



6E1190



8800BA



901174



454047



630087



060008



# Previews

## White Background



This preview shows how the Hex color 339011 looks on a white background.

## Color Contrast Check

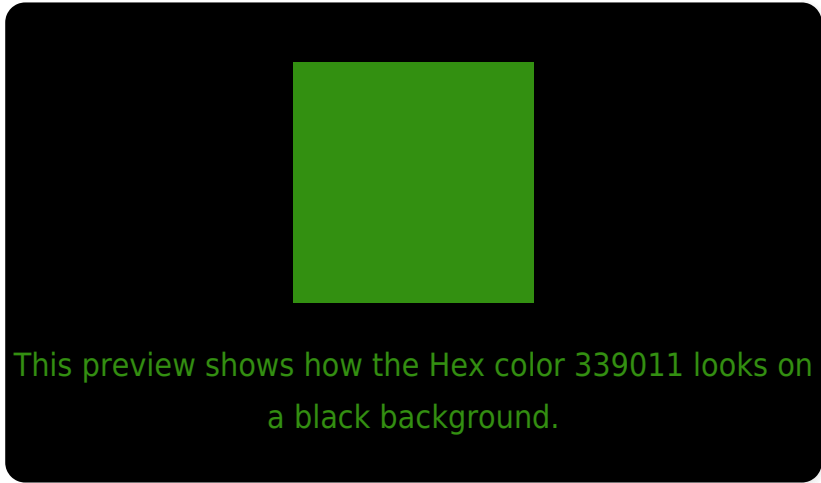
Large Text (above 18pt) WCAG AA ✓ Pass

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

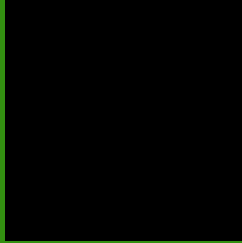
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 339011 Background



This preview shows how black text looks on a background with the Hex color 339011.



This preview shows how white text looks on a background with the Hex color 339011.

# 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**  
339011

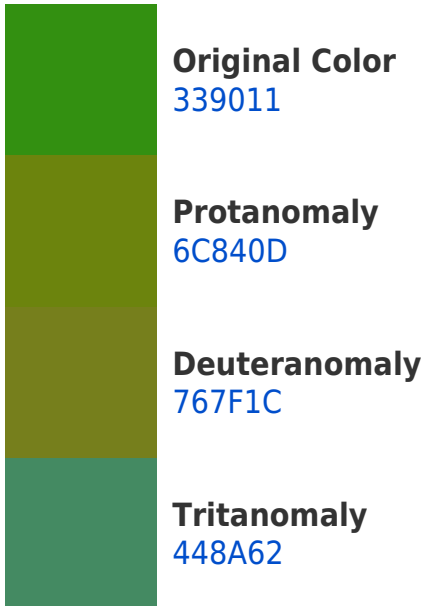
**Protanopia**  
8D7D0A

**Deuteranopia**  
9D7622



**Tritanopia**  
4D8691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 339011 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 #339011 looks like.

```
.text, #text, p{  
    color:#339011  
}
```

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 #339011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339011
}
```

## Border

The CSS property to change the border of an element to Hex 339011 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
#339011 }
```

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

```
.border{ border-color:#339011 }
```

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

Here you see how a box with a 4 pixel #339011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339011; -webkit-box-shadow:4px 4px  
4px 4px #339011; box-shadow:4px 4px 4px  
4px #339011 }
```

# Background

The CSS property to change the background color of an element to Hex 339011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339011 }
```

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

```
.background{ background-color:#339011 }
```

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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