

Converting Colors

Hex(3CAE39)

Have a look what the booklet for
Hex(3CAE39) contains.

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Color

Hex(3CAE39)

Conversions

Conversions Part 1

Format	Color
Hex	3CAE39
RGB	60, 174, 57
RGB Percent	24%, 68%, 22%
CMY	0.7647, 0.3176, 0.7765
CMYK	0.66, 0.00, 0.67, 0.32
HSL	118°, 51%, 45%
HSV	118°, 67%, 68%
XYZ	17.7381, 31.5282, 9.0215
YIQ	126.5760, -30.3870, -60.5550

Conversions

Conversions Part 2

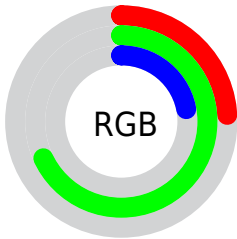
Format	Color
RYB	57, 174, 171
Decimal	3976761
CIELab	62.95, -54.57, 48.93
CIELCh	63, 73.298, 138.120
Yxy	31.5282, 0.3043, 0.5409
Android (android.graphics.Color)	4282166841 (0xFF3CAE39)
YUV	126.5760, -34.3010, -58.3872
Hunter-Lab	56.1500, -41.8734, 29.7789

Details

The Hex color **3CAE39** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AB39AE**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **79E76D**, and **007800** is the 20% darker color. If you saturate the color by 10%, you get **2BAE28**, and if you desaturate by 10%, it is **4DAE4A**.

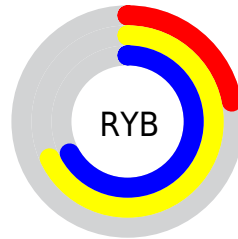
Distribution



Red (24%)

Green (68%)

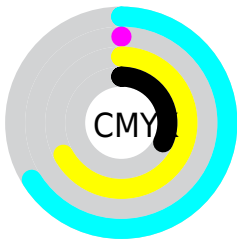
Blue (22%)



Red (22%)

Yellow (68%)

Blue (67%)

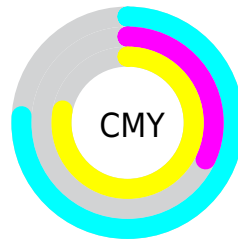


Cyan (66%)

Magenta (0%)

Yellow (67%)

Black (32%)



Cyan (76%)

Magenta (32%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CAE39 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 3CAE39 by changing the saturation by 10% instead.

 3CAE39

 3CAE39

FFFFFF

 12931D

 79E76D

 007800

 96FF88

 005E00

 B4FFA3

 004500

 D1FFBF

 002F00

 EFFFDC

 001200

 FFFFF9

 000000

 3CAE39

 3CAE39

 2BAE28

 4DAE4A

■ 1AAE16

■ 5EAE5C

■ 09AE05

■ 6FAE6D

■ 04AE00

■ 80AE7F

■ 91AE90

■ A2AEA1

■ B3AEB3

■ C4AEC4

■ D5AED6

Harmonies

Analogous

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



91A100



3CAE39



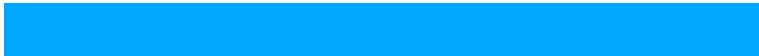
00B47B

Triad

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



3CAE39



00A7FF



FF5674

Complementary

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



3CAE39



AB39AE

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.



FF57B5



3CAE39



5B92FF

Square

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



3CAE39



00B3F9



CC74F0



F76F37

Rectangle

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



3CAE39



00B6A9



CC74F0



FF5289

Sweetspot

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



3CAE39



B7E3B6



AEEA39



587357



F2F2F2



737373

Same Dimension

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



3CAE39



30E32B



39AE70



4E574E



049600



011700

Inverse Universe

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



AB39AE



DE2BE3



AE3977



564E57



930096



160017

Previews

White Background



This preview shows how the Hex color 3CAE39 looks on a white background.

Color Contrast Check

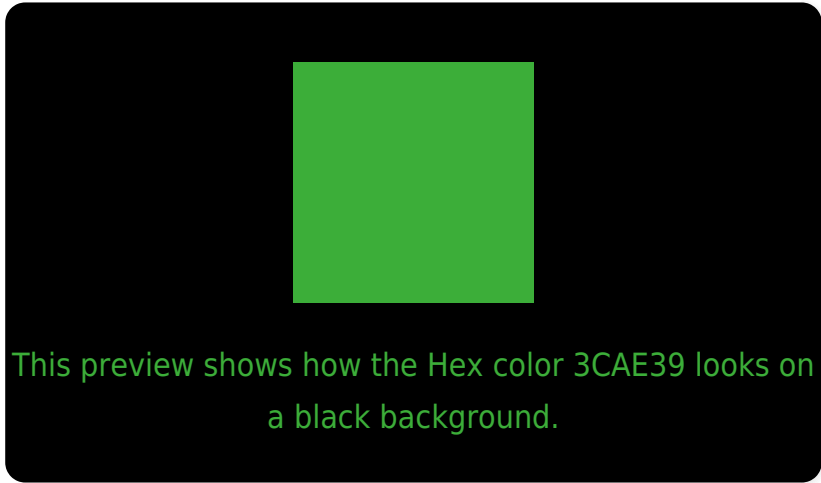
Large Text (above 18pt) WCAG AA × Fail

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 3CAE39 Background



This preview shows how black text looks on a background with the Hex color 3CAE39.

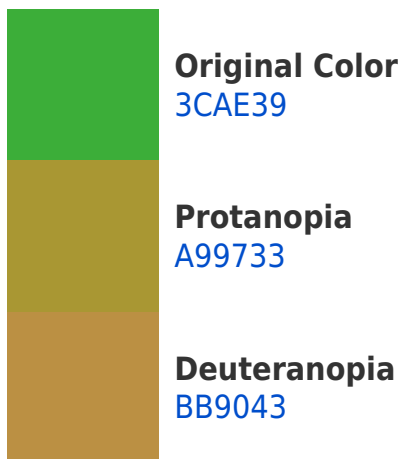


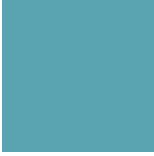
This preview shows how white text looks on a background with the Hex color 3CAE39.

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](#).

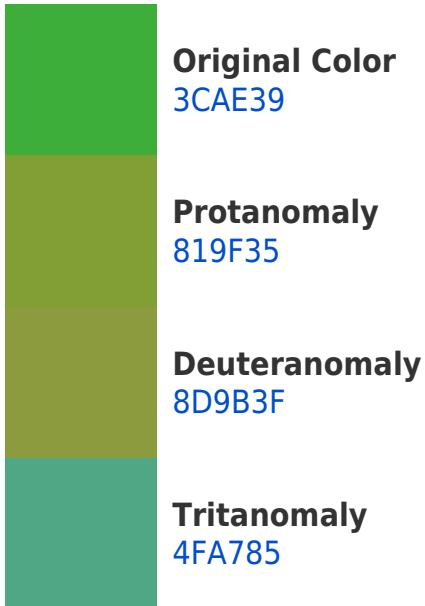
Dichromacy



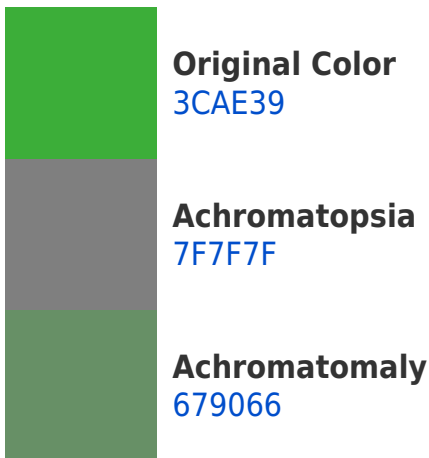


Tritanopia
5AA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CAE39 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 #3CAE39 looks like.

```
.text, #text, p{  
    color:#3CAE39  
}
```

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 #3CAE39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CAE39
}
```

Border

The CSS property to change the border of an element to Hex 3CAE39 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
#3CAE39 }
```

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

```
.border{ border-color:#3CAE39 }
```

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

Here you see how a box with a 4 pixel #3CAE39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CAE39; -webkit-box-shadow:4px 4px  
4px 4px #3CAE39; box-shadow:4px 4px 4px  
4px #3CAE39 }
```

Background

The CSS property to change the background color of an element to Hex 3CAE39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CAE39 }
```

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

```
.background{ background-color:#3CAE39 }
```

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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