

Converting Colors

Hex(3CA033)

Have a look what the booklet for
Hex(3CA033) contains.

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Color

Hex(3CA033)

Conversions

Conversions Part 1

Format	Color
Hex	3CA033
RGB	60, 160, 51
RGB Percent	24%, 63%, 20%
CMY	0.7647, 0.3725, 0.8000
CMYK	0.62, 0.00, 0.68, 0.37
HSL	115°, 52%, 41%
HSV	115°, 68%, 63%
XYZ	15.0318, 26.3413, 7.4241
YIQ	117.6740, -24.6110, -55.0990

Conversions

Conversions Part 2

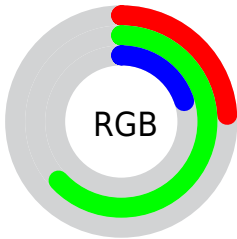
Format	Color
RYB	51, 160, 151
Decimal	3973171
CIELab	58.36, -50.12, 46.50
CIELCh	58, 68.371, 137.148
Yxy	26.3413, 0.3080, 0.5398
Android (android.graphics.Color)	4282163251 (0xFF3CA033)
YUV	117.6740, -32.8703, -50.5801
Hunter-Lab	51.3238, -37.5371, 27.3502

Details

The Hex color **3CA033** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9733A0**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **77D867**, and **006B00** is the 20% darker color. If you saturate the color by 10%, you get **2DA023**, and if you desaturate by 10%, it is **4BA043**.

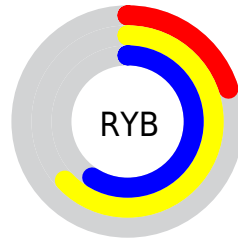
Distribution



Red (24%)

Green (63%)

Blue (20%)



Red (20%)

Yellow (63%)

Blue (59%)

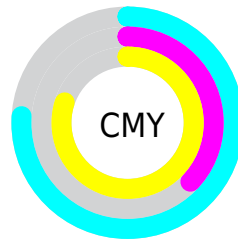


Cyan (62%)

Magenta (0%)

Yellow (68%)

Black (37%)



Cyan (76%)

Magenta (37%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CA033 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 3CA033 by changing the saturation by 10% instead.

 3CA033

 3CA033

FFFFFF

 178517

 77D867

 006B00

 93F481

 005200

 B0FF9C

 003A00

 CDFFB8

 002400

 EBFFD4

 000000

 FFFFF1

 3CA033

 3CA033

 2DA023

 4BA043

■ 1FA013

■ 59A053

■ 10A003

■ 68A063

■ 0DA000

■ 77A073

■ 85A083

■ 94A093

■ A3A0A3

■ B1A0B3

■ C0A0C3

Harmonies

Analogous

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



889400



3CA033



00A670

Triad

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



3CA033



009BFF



F64F6D

Complementary

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



3CA033



9733A0

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.



EA51A9



3CA033



4F87FF

Square

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



3CA033



00A5E3



B96CDF



E56635

Rectangle

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



3CA033



00A899



B96CDF



F64C81

Sweetspot

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



3CA033



ABD1A7



A09733



52694F



E8E8E8



696969

Same Dimension

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



3CA033



34D126



33A060



484F47



0C8F00



010F00

Inverse Universe

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



9733A0



C326D1



A03373



4E474F



83008F



0E000F

Previews

White Background



This preview shows how the Hex color 3CA033 looks on a white background.

Color Contrast Check

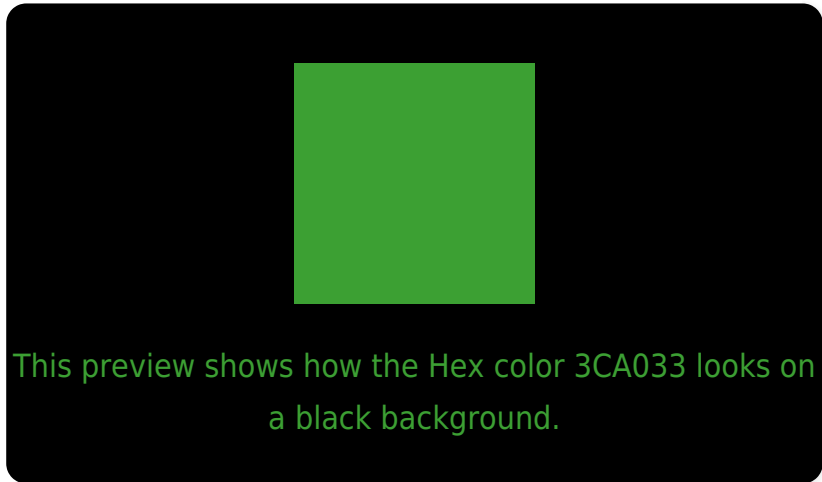
Large Text (above 18pt) WCAG AA ✓ Pass

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 3CA033 Background



This preview shows how black text looks on a background with the Hex color 3CA033.

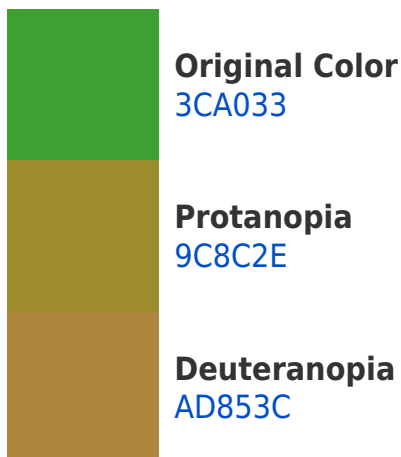


This preview shows how white text looks on a background with the Hex color 3CA033.

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](#).

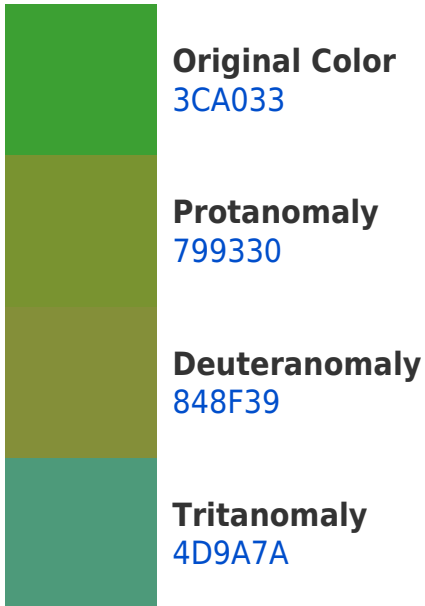
Dichromacy



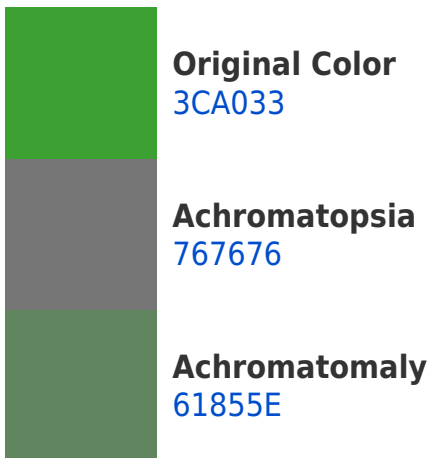


Tritanopia
5696A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CA033 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 #3CA033 looks like.

```
.text, #text, p{  
    color:#3CA033  
}
```

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 #3CA033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CA033
}
```

Border

The CSS property to change the border of an element to Hex 3CA033 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
#3CA033 }
```

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

```
.border{ border-color:#3CA033 }
```

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

Here you see how a box with a 4 pixel #3CA033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CA033; -webkit-box-shadow:4px 4px  
4px 4px #3CA033; box-shadow:4px 4px 4px  
4px #3CA033 }
```

Background

The CSS property to change the background color of an element to Hex 3CA033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CA033 }
```

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

```
.background{ background-color:#3CA033 }
```

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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