

Converting Colors

Hex(49C301)

Have a look what the booklet for
Hex(49C301) contains.

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Color

Hex(49C301)

Conversions

Conversions Part 1

Format	Color
Hex	49C301
RGB	73, 195, 1
RGB Percent	29%, 76%, 0%
CMY	0.7137, 0.2353, 0.9961
CMYK	0.63, 0.00, 0.99, 0.24
HSL	98°, 99%, 38%
HSV	98°, 99%, 76%
XYZ	22.2682, 40.4489, 6.6625
YIQ	136.4060, -10.4380, -86.1980

Conversions

Conversions Part 2

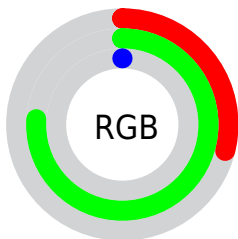
Format	Color
RYB	1, 195, 123
Decimal	4834049
CIELab	69.79, -61.54, 69.10
CIElCh	70, 92.529, 131.688
Yxy	40.4489, 0.3210, 0.5830
Android (android.graphics.Color)	4283024129 (0xFF49C301)
YUV	136.4060, -66.7552, -55.6071
Hunter-Lab	63.5994, -48.8003, 38.3086

Details

The Hex color **49C301** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **7B01C3**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **88FD50**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **48C300**, and if you desaturate by 10%, it is **55C314**.

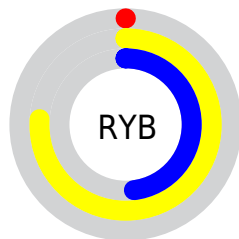
Distribution



Red (29%)

Green (76%)

Blue (0%)



Red (0%)

Yellow (76%)

Blue (48%)

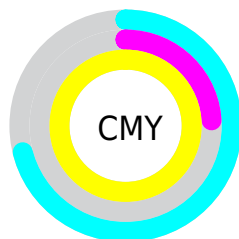


Cyan (63%)

Magenta (0%)

Yellow (99%)

Black (24%)



Cyan (71%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49C301 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 49C301 by changing the saturation by 10% instead.



49C301



49C301

FFFFFF



20A700



88FD50



008C00



A7FF6D



007100



C5FF89



005800



E3FFA6



003F00



FFFFC3



002700



FFFFE0



000000

FFFFFFE



49C301



49C301

 48C300

 55C314

 62C328

 6EC33C

 7AC34F

 86C362

 93C376

 9FC389

 ABC39D

 B7C3B1

Harmonies

Analogous

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



AFB100



49C301



00CC72

Triad

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



49C301



00C2FF



FF408E

Complementary

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



49C301



7B01C3

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.



FF52E1



49C301



00AAFF

Square

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



49C301



00CFFF



D483FF



FF683D

Rectangle

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



49C301



00CFAD



D483FF



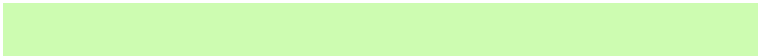
FF3EAA

Sweetspot

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



49C301



CDFCB1



C37901



638052



000000



808080

Same Dimension

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



49C301



5EFC00



01C318



5B6157



3CA100



0C2100

Inverse Universe

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



7B01C3



9F00FC



C301AC



5D5761



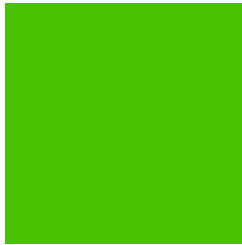
6500A1



150021

Previews

White Background



This preview shows how the Hex color 49C301 looks on a white background.

Color Contrast Check

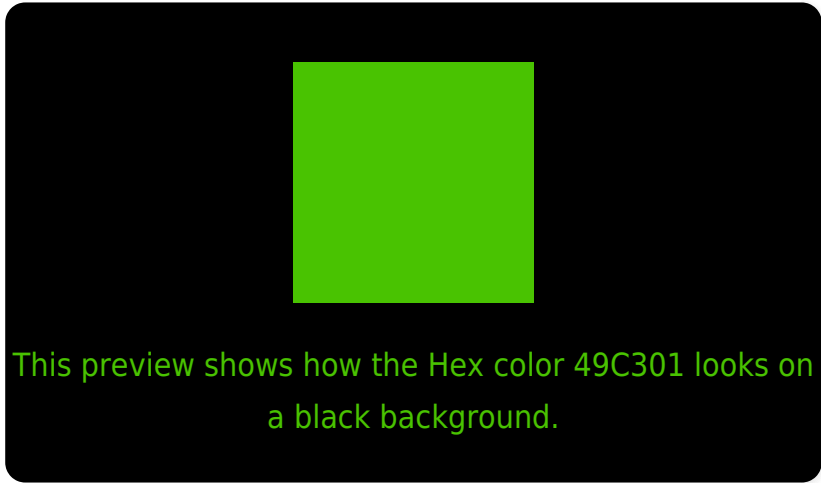
Large Text (above 18pt) WCAG AA × Fail

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 49C301 Background



This preview shows how black text looks on a background with the Hex color 49C301.

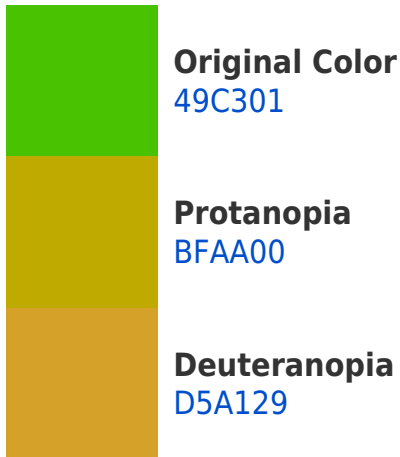


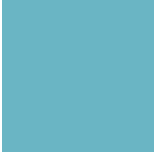
This preview shows how white text looks on a background with the Hex color 49C301.

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](#).

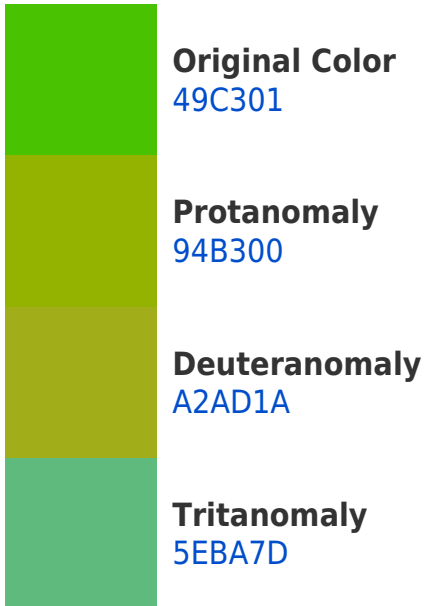
Dichromacy



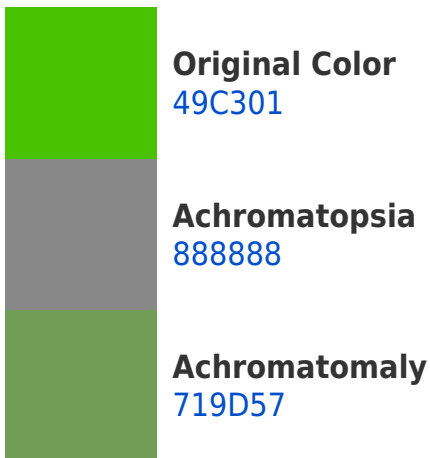


Tritanopia
6AB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49C301 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 #49C301 looks like.

```
.text, #text, p{  
    color:#49C301  
}
```

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 #49C301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49C301
}
```

Border

The CSS property to change the border of an element to Hex 49C301 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
#49C301 }
```

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

```
.border{ border-color:#49C301 }
```

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

Here you see how a box with a 4 pixel #49C301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49C301; -webkit-box-shadow:4px 4px  
4px 4px #49C301; box-shadow:4px 4px 4px  
4px #49C301 }
```

Background

The CSS property to change the background color of an element to Hex 49C301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49C301 }
```

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

```
.background{ background-color:#49C301 }
```

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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