

Converting Colors

Hex(49C817)

Have a look what the booklet for
Hex(49C817) contains.

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Color

Hex(49C817)

Conversions

Conversions Part 1

Format	Color
Hex	49C817
RGB	73, 200, 23
RGB Percent	29%, 78%, 9%
CMY	0.7137, 0.2157, 0.9098
CMYK	0.64, 0.00, 0.89, 0.22
HSL	103°, 79%, 44%
HSV	103°, 88%, 78%
XYZ	23.5566, 42.7869, 7.8277
YIQ	141.8490, -18.8750, -81.9710

Conversions

Conversions Part 2

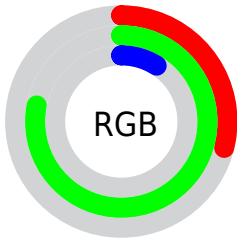
Format	Color
RYB	23, 200, 150
Decimal	4835351
CIELab	71.41, -62.70, 67.55
CIELCh	71, 92.159, 132.868
Yxy	42.7869, 0.3176, 0.5769
Android (android.graphics.Color)	4283025431 (0xFF49C817)
YUV	141.8490, -58.5926, -60.3806
Hunter-Lab	65.4117, -50.1876, 38.6930

Details

The Hex color **49C817** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9617C8**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **89FF59**, and **009100** is the 20% darker color. If you saturate the color by 10%, you get **3BC803**, and if you desaturate by 10%, it is **57C82B**.

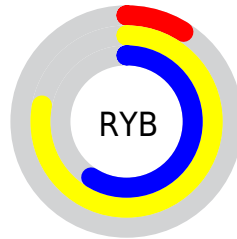
Distribution



Red (29%)

Green (78%)

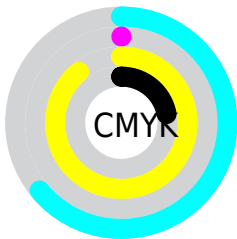
Blue (9%)



Red (9%)

Yellow (78%)

Blue (59%)

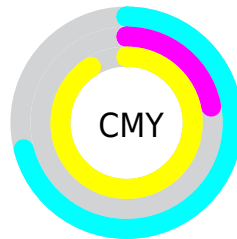


Cyan (64%)

Magenta (0%)

Yellow (89%)

Black (22%)



Cyan (71%)

Magenta (22%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49C817 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 49C817 by changing the saturation by 10% instead.

 49C817

 49C817

FFFFFF

 1FAC00

 89FF59

 009100

 A7FF75

 007600

 C5FF91

 005C00

 E4FFAE

 004300

 FFFFCB

 002C00

 FFFFEB

 000A00

 000000

 49C817

 49C817

 3BC803

 57C82B

 38C800

 66C83F

 74C853

 82C867

 91C87B

 9FC88F

 ADC8A3

 BCC8B7

 CAC8CB

Harmonies

Analogous

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



B1B700



49C817



00D17A

Triad

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



49C817



00C6FF



FF498F

Complementary

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



49C817



9617C8

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.



FF57E3



49C817



00ADFF

Square

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



49C817



00D1FF



DE85FF



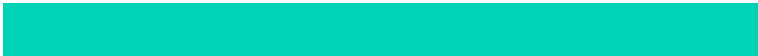
FF6F3E

Rectangle

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



49C817



00D3B5



DE85FF



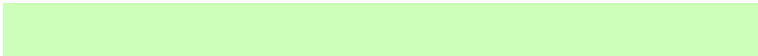
FF46AB

Sweetspot

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



49C817



CEFFBA



C89617



628057



000000



808080

Same Dimension

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



49C817



48FF00



17C83D



5C635A



2EA300



0A2400

Inverse Universe

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



9617C8



B700FF



C817A2



615A63



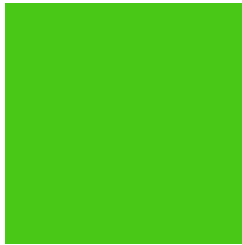
7500A3



1A0024

Previews

White Background



This preview shows how the Hex color 49C817 looks on a white background.

Color Contrast Check

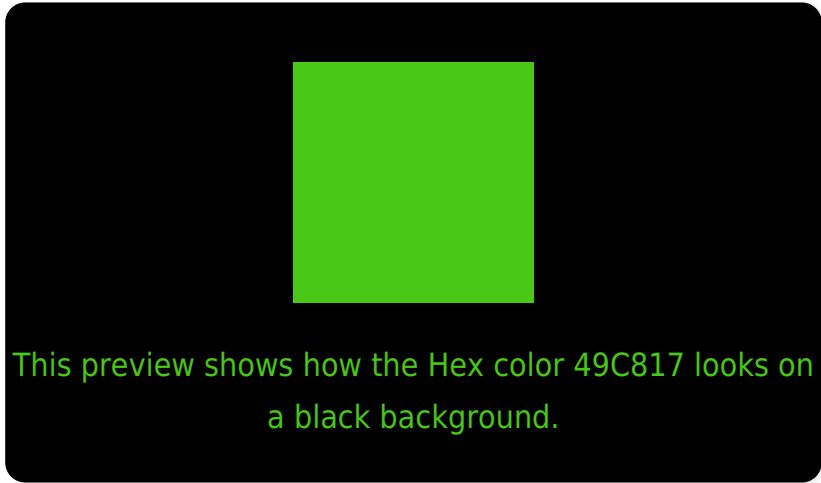
Large Text (above 18pt) WCAG AA × Fail

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

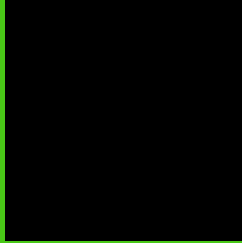
Any Text WCAG AA ✓ Pass

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 49C817 Background



This preview shows how black text looks on a background with the Hex color 49C817.

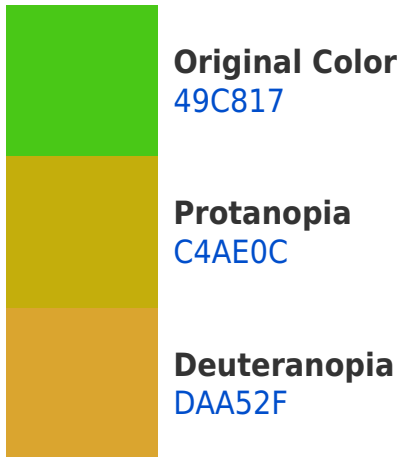


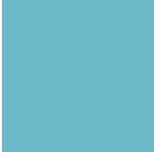
This preview shows how white text looks on a background with the Hex color 49C817.

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](#).

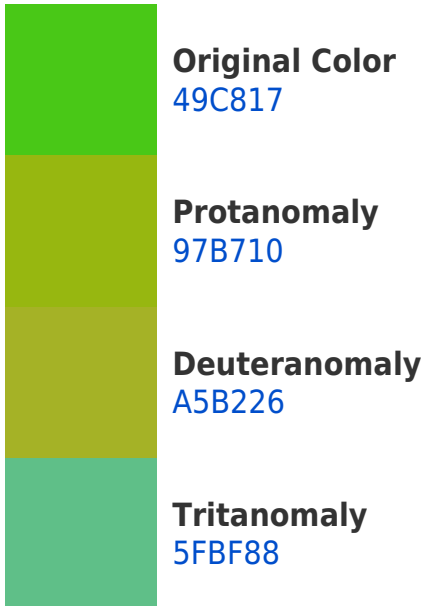
Dichromacy





Tritanopia
6CBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49C817 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 #49C817 looks like.

```
.text, #text, p{  
    color:#49C817  
}
```

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 #49C817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49C817
}
```

Border

The CSS property to change the border of an element to Hex 49C817 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
#49C817 }
```

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

```
.border{ border-color:#49C817 }
```

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

Here you see how a box with a 4 pixel #49C817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49C817; -webkit-box-shadow:4px 4px  
4px 4px #49C817; box-shadow:4px 4px 4px  
4px #49C817 }
```

Background

The CSS property to change the background color of an element to Hex 49C817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49C817 }
```

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

```
.background{ background-color:#49C817 }
```

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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