

# Converting Colors

Hex(4CA50A)

Have a look what the booklet for  
Hex(4CA50A) contains.

<b>Hex(4CA50A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4CA50A)

# Conversions

## Conversions Part 1

Format	Color
Hex	4CA50A
RGB	76, 165, 10
RGB Percent	30%, 65%, 4%
CMY	0.7020, 0.3529, 0.9608
CMYK	0.54, 0.00, 0.94, 0.35
HSL	94°, 89%, 34%
HSV	94°, 94%, 65%
XYZ	16.4904, 28.4687, 4.9130
YIQ	120.7190, -3.2890, -67.0730

# Conversions

## Conversions Part 2

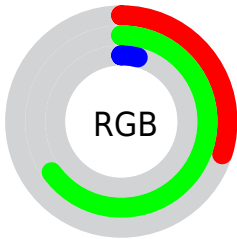
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 165, 99
Decimal	5022986
CIELab	60.31, -50.05, 60.37
CIElCh	60, 78.418, 129.663
Yxy	28.4687, 0.3307, 0.5708
Android (android.graphics.Color)	4283213066 (0xFF4CA50A)
YUV	120.7190, -54.5845, -39.2186
Hunter-Lab	53.3561, -38.2052, 31.8898

# Details

The Hex color **4CA50A** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **630AA5**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **86DD4D**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **46A500**, and if you desaturate by 10%, it is **55A51B**.

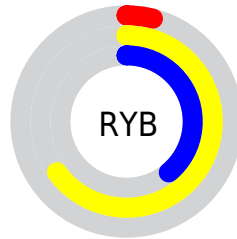
# Distribution



Red (30%)

Green (65%)

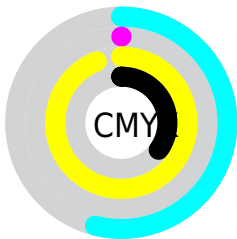
Blue (4%)



Red (4%)

Yellow (65%)

Blue (39%)

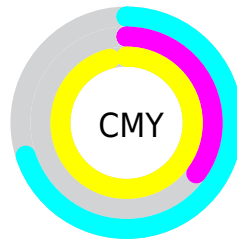


Cyan (54%)

Magenta (0%)

Yellow (94%)

Black (35%)



Cyan (70%)

Magenta (35%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CA50A 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 4CA50A by changing the saturation by 10% instead.





4CA50A



4CA50A

FFFFFF



2C8A00



86DD4D



007000



A3FA68



005700



C0FF84



003E00



DEFF9F



002900



FCFFBC



000200



FFFFD8



000000



FFFFF6



4CA50A



4CA50A

 46A500

 55A51B

 5FA52B

 68A53B

 72A54C

 7BA55C

 85A56D

 8EA57E

 98A58E

 A1A59E

# Harmonies

## Analogous

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



9B9600



4CA50A



00AD5E

# Triad

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



4CA50A



00A6FF



FF3F7E

# Complementary

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



4CA50A



630AA5

# Split Complementary

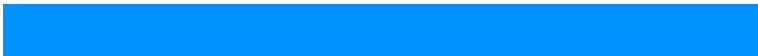
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F34EC3



4CA50A



0093FF

# Square

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



4CA50A



00AEE9



AE73FD



FD5A3C

# Rectangle

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



4CA50A



00AF8F



AE73FD



FF3F95



# Sweetspot

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



4CA50A



B4D69A



A5620A



566B47



EBEBEB



6B6B6B



# Same Dimension

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



4CA50A



5BD600



0AA514



4D5249



3E9100



081200



# Inverse Universe

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



630AA5



7B00D6



A50A9B



4E4952



530091



0A0012



# Previews

## White Background



This preview shows how the Hex color 4CA50A looks on a white background.

## Color Contrast Check

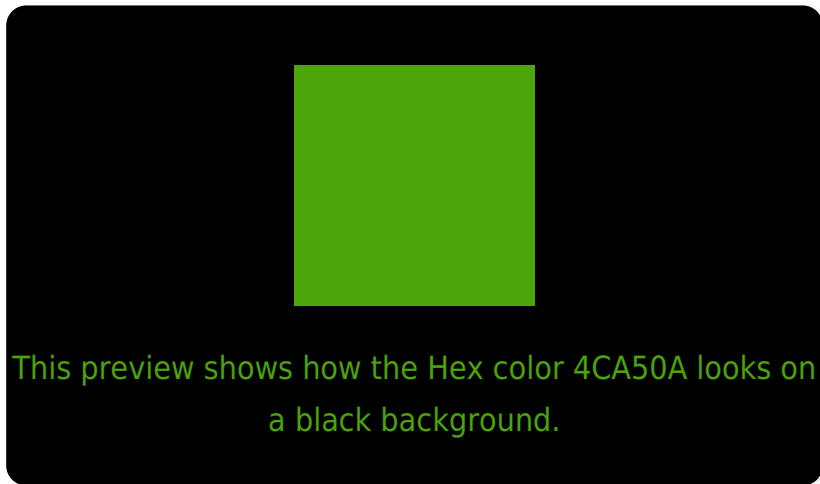
Large Text (above 18pt) WCAG AA ✓ Pass

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 4CA50A Background



This preview shows how black text looks on a background with the Hex color 4CA50A.

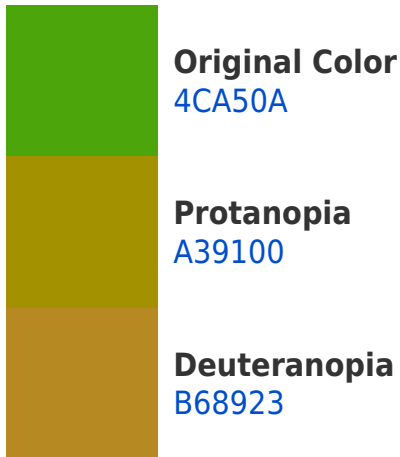


This preview shows how white text looks on a background with the Hex color 4CA50A.

# 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](#).

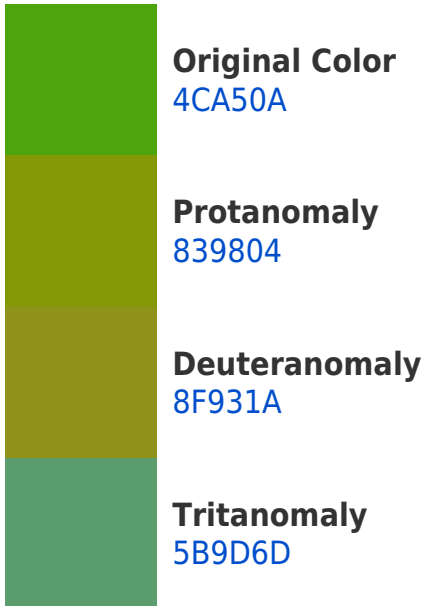
## Dichromacy





**Tritanopia**  
6499A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CA50A 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 #4CA50A looks like.

```
.text, #text, p{  
    color:#4CA50A  
}
```

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 #4CA50A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA50A
}
```

## Border

The CSS property to change the border of an element to Hex 4CA50A 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
#4CA50A }
```

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

```
.border{ border-color:#4CA50A }
```

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

Here you see how a box with a 4 pixel #4CA50A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA50A; -webkit-box-shadow:4px 4px  
4px 4px #4CA50A; box-shadow:4px 4px 4px  
4px #4CA50A }
```

# Background

The CSS property to change the background color of an element to Hex 4CA50A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA50A }
```

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

```
.background{ background-color:#4CA50A }
```

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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