

# Converting Colors

Hex(4CA30D)

Have a look what the booklet for  
Hex(4CA30D) contains.

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**Color**

**Hex(4CA30D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4CA30D
RGB	76, 163, 13
RGB Percent	30%, 64%, 5%
CMY	0.7020, 0.3608, 0.9490
CMYK	0.53, 0.00, 0.92, 0.36
HSL	95°, 85%, 35%
HSV	95°, 92%, 64%
XYZ	16.1503, 27.7599, 4.8878
YIQ	119.8870, -3.7020, -65.0940

# Conversions

## Conversions Part 2

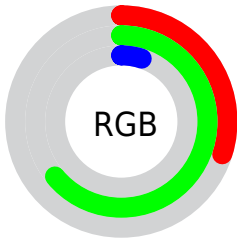
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 163, 100
Decimal	5022477
CIELab	59.67, -49.23, 59.39
CIELCh	60, 77.139, 129.657
Yxy	27.7599, 0.3310, 0.5689
Android (android.graphics.Color)	4283212557 (0xFF4CA30D)
YUV	119.8870, -52.6953, -38.4889
Hunter-Lab	52.6877, -37.4880, 31.3811

# Details

The Hex color **4CA30D** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **640DA3**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **86DB4D**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **44A300**, and if you desaturate by 10%, it is **55A31D**.

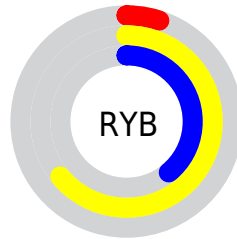
# Distribution



Red (30%)

Green (64%)

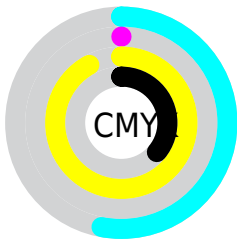
Blue (5%)



Red (5%)

Yellow (64%)

Blue (39%)

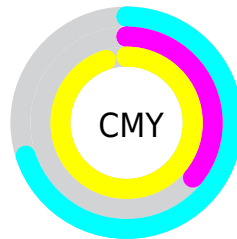


Cyan (53%)

Magenta (0%)

Yellow (92%)

Black (36%)



Cyan (70%)

Magenta (36%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CA30D 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 4CA30D by changing the saturation by 10% instead.





4CA30D



4CA30D

FFFFFF



2C8800



86DB4D



006E00



A3F869



005500



C0FF84



003D00



DDFFA0



002700



FBFFBC



000000



FFFFD9



FFFFFF6



4CA30D



4CA30D

■ 44A300

■ 55A31D

■ 5FA32E

■ 68A33E

■ 72A34E

■ 7BA35F

■ 85A36F

■ 8EA37F

■ 98A38F

■ A1A3A0

# Harmonies

## Analogous

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



999400



4CA30D



00AB5D

# Triad

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



4CA30D



00A4FF



FF407D

# Complementary

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



4CA30D



640DA3

# 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.



F04EC0



4CA30D



0091FF

# Square

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



4CA30D



00ACE5



AC72F9



F95A3C

# Rectangle

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



4CA30D



00AD8D



AC72F9



FF3F94



# Sweetspot

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



4CA30D



B1D498



A3620D



566B47



EBEBEB



6B6B6B



# Same Dimension

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



4CA30D



59D400



0DA317



4D5249



3D9100



071200



# Inverse Universe

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



640DA3



7B00D4



A30D99



4E4952



540091



0A0012



# Previews

## White Background



This preview shows how the Hex color 4CA30D looks on a white background.

## Color Contrast Check

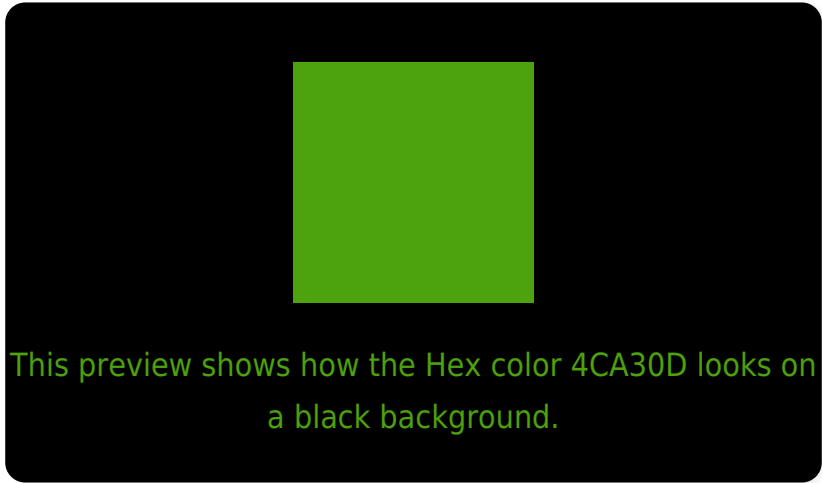
Large Text (above 18pt) WCAG AA ✓ Pass

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 4CA30D Background



This preview shows how black text looks on a background with the Hex color 4CA30D.



This preview shows how white text looks on a background with the Hex color 4CA30D.

# 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



**Original Color**  
4CA30D

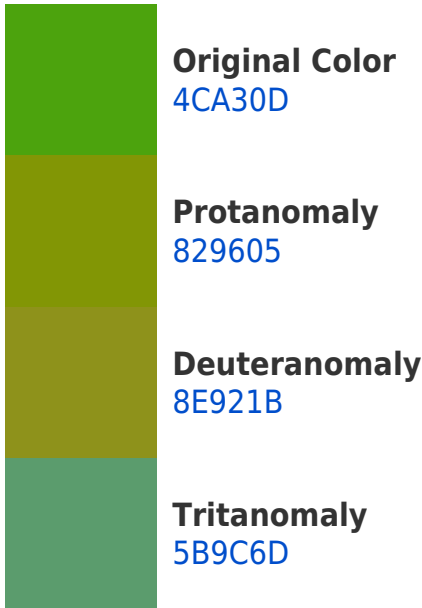
**Protanopia**  
A18F00

**Deuteranopia**  
B48823

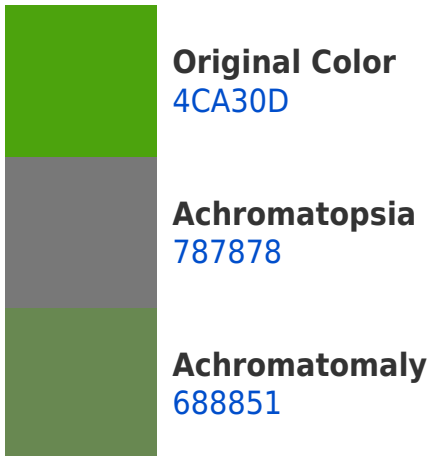


**Tritanopia**  
6398A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CA30D 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 #4CA30D looks like.

```
.text, #text, p{  
    color:#4CA30D  
}
```

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 #4CA30D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA30D
}
```

## Border

The CSS property to change the border of an element to Hex 4CA30D 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
#4CA30D }
```

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

```
.border{ border-color:#4CA30D }
```

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

Here you see how a box with a 4 pixel #4CA30D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA30D; -webkit-box-shadow:4px 4px  
4px 4px #4CA30D; box-shadow:4px 4px 4px  
4px #4CA30D }
```

# Background

The CSS property to change the background color of an element to Hex 4CA30D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA30D }
```

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

```
.background{ background-color:#4CA30D }
```

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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