

Converting Colors

Hex(4CA70E)

Have a look what the booklet for
Hex(4CA70E) contains.

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Color

Hex(4CA70E)

Conversions

Conversions Part 1

Format	Color
Hex	4CA70E
RGB	76, 167, 14
RGB Percent	30%, 65%, 5%
CMY	0.7020, 0.3451, 0.9451
CMYK	0.54, 0.00, 0.92, 0.35
HSL	96°, 85%, 35%
HSV	96°, 92%, 65%
XYZ	16.8785, 29.2056, 5.1631
YIQ	122.3490, -5.1230, -66.8750

Conversions

Conversions Part 2

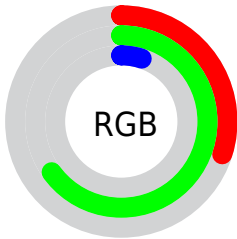
Format	Color
RYB	14, 167, 105
Decimal	5023502
CIELab	60.96, -50.70, 60.30
CIElCh	61, 78.782, 130.053
Yxy	29.2056, 0.3294, 0.5699
Android (android.graphics.Color)	4283213582 (0xFF4CA70E)
YUV	122.3490, -53.4161, -40.6481
Hunter-Lab	54.0422, -38.8248, 32.1651

Details

The Hex color **4CA70E** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **690EA7**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **86DF4F**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **44A700**, and if you desaturate by 10%, it is **56A71F**.

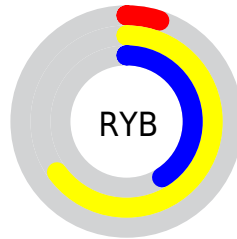
Distribution



Red (30%)

Green (65%)

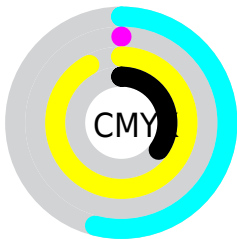
Blue (5%)



Red (5%)

Yellow (65%)

Blue (41%)

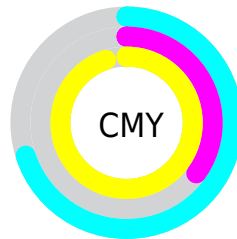


Cyan (54%)

Magenta (0%)

Yellow (92%)

Black (35%)



Cyan (70%)

Magenta (35%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA70E 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 4CA70E by changing the saturation by 10% instead.

 4CA70E

 4CA70E

FFFFFF

 2C8C00

 86DF4F

 007200

 A3FC6A

 005800

 C0FF86

 004000

 DEFFA1

 002A00

 FCFFBE

 000700

 FFFFDA

 000000

 FFFFF8

 4CA70E

 4CA70E

■ 44A700

■ 56A71F

■ 60A72F

■ 6AA740

■ 74A751

■ 7EA761

■ 88A772

■ 92A783

■ 9BA794

■ A5A7A4

Harmonies

Analogous

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



9C9800



4CA70E



00AF60

Triad

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



4CA70E



00A8FF



FF417F

Complementary

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



4CA70E



690EA7

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.



F64FC4



4CA70E



0094FF

Square

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



4CA70E



00B0EC



B175FF



FF5C3C

Rectangle

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



4CA70E



00B191



B175FF



FF4096

Sweetspot

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



4CA70E



B6D99E



A7670E



596E4B



EDEDED



6E6E6E

Same Dimension

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



4CA70E



58D900



0EA71B



4F544C



3C9400



081400

Inverse Universe

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



690EA7



8100D9



A70E9A



514C54



580094



0C0014

Previews

White Background



This preview shows how the Hex color 4CA70E looks on a white background.

Color Contrast Check

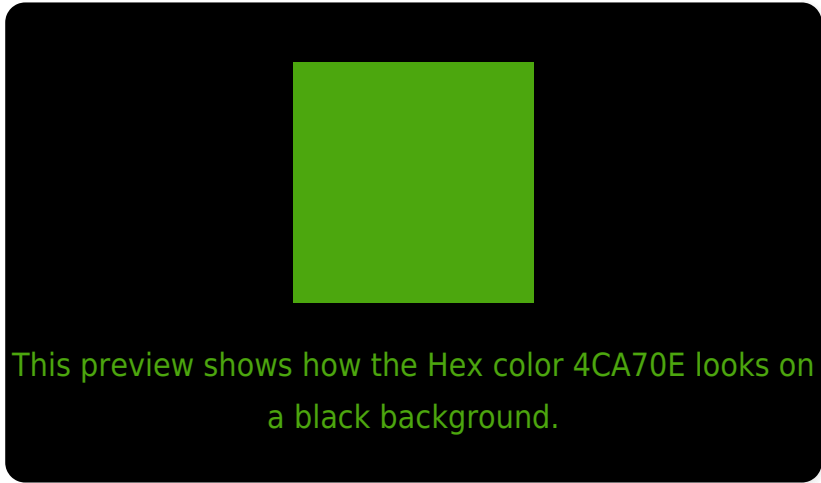
Large Text (above 18pt) WCAG AA ✓ Pass

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 4CA70E Background



This preview shows how black text looks on a background with the Hex color 4CA70E.

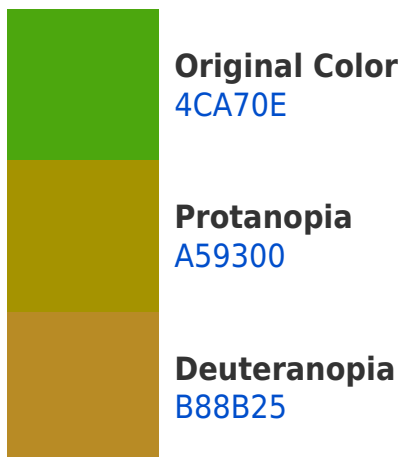


This preview shows how white text looks on a background with the Hex color 4CA70E.

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
649BA8

Trichromacy



Original Color
4CA70E

Protanomaly
859A05

Deuteranomaly
91951D

Tritanomaly
5B9F70

Monochromacy



Original Color
4CA70E

Achromatopsia
7A7A7A

Achromatomaly
698A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA70E 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 #4CA70E looks like.

```
.text, #text, p{  
    color:#4CA70E  
}
```

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 #4CA70E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA70E
}
```

Border

The CSS property to change the border of an element to Hex 4CA70E 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".

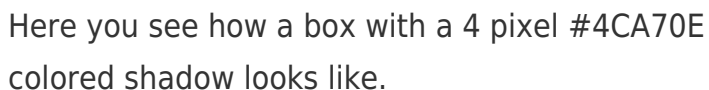
```
.border, #border, table{ border:4px solid
#4CA70E }
```

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

```
.border{ border-color:#4CA70E }
```

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

Here you see how a box with a 4 pixel #4CA70E colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4-pixel offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4CA70E colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA70E; -webkit-box-shadow:4px 4px  
4px 4px #4CA70E; box-shadow:4px 4px 4px  
4px #4CA70E }
```

Background

The CSS property to change the background color of an element to Hex 4CA70E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA70E }
```

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

```
.background{ background-color:#4CA70E }
```

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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