

Converting Colors

Hex(4CAA3A)

Have a look what the booklet for
Hex(4CAA3A) contains.

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Color

Hex(4CAA3A)

Conversions

Conversions Part 1

Format	Color
Hex	4CAA3A
RGB	76, 170, 58
RGB Percent	30%, 67%, 23%
CMY	0.7020, 0.3333, 0.7725
CMYK	0.55, 0.00, 0.66, 0.33
HSL	110°, 49%, 45%
HSV	110°, 66%, 67%
XYZ	18.1189, 30.5914, 8.9528
YIQ	129.1260, -20.0720, -54.7600

Conversions

Conversions Part 2

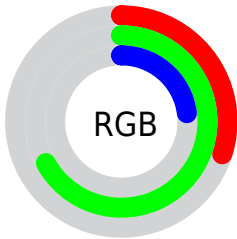
Format	Color
RYB	58, 170, 152
Decimal	5024314
CIELab	62.16, -49.14, 47.79
CIELCh	62, 68.547, 135.796
Yxy	30.5914, 0.3142, 0.5305
Android (android.graphics.Color)	4283214394 (0xFF4CAA3A)
YUV	129.1260, -35.0651, -46.5915
Hunter-Lab	55.3095, -38.3166, 29.1196

Details

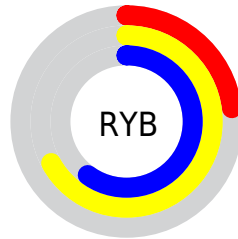
The Hex color **4CAA3A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **983AAA**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **85E26E**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **3EAA29**, and if you desaturate by 10%, it is **5AAA4B**.

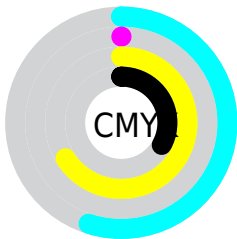
Distribution



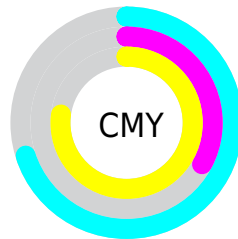
- Red (30%)
- Green (67%)
- Blue (23%)



- Red (23%)
- Yellow (67%)
- Blue (60%)



- Cyan (55%)
- Magenta (0%)
- Yellow (66%)
- Black (33%)



- Cyan (70%)
- Magenta (33%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CAA3A 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 4CAA3A by changing the saturation by 10% instead.

 4CAA3A

 4CAA3A

FFFFFF

 2D8F1F

 85E26E

 007500

 A2FF89

 005B00

 BFFFA4

 004300

 DCFFC0

 002D00

 FAFFDC

 000E00

 FFFFF9

 000000

 4CAA3A

 4CAA3A

 3EAA29

 5AAA4B

■ 2FAA18

■ 69AA5C

■ 21AA07

■ 77AA6D

■ 1BAA00

■ 85AA7E

■ 93AA8F

■ A2AAA0

■ B0AAB1

■ BEAAC2

■ CCAAD3

Harmonies

Analogous

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



959D00



4CAA3A



00B176

Triad

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



4CAA3A



00A5FF



FF5979

Complementary

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



4CAA3A



983AAA

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.



F55DB6



4CAA3A



5492FF

Square

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



4CAA3A



00AFEC



C177EC



F26F40

Rectangle

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



4CAA3A



00B2A1



C177EC



FF578D

Sweetspot

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



4CAA3A



B9DEB1



AA973A



5A7055



F0F0F0



707070

Same Dimension

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



4CAA3A



4BDE2F



3AAA5F



4D544C



189400



031400

Inverse Universe

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



983AAA



C22FDE



AA3A85



534C54



7C0094



110014

Previews

White Background



This preview shows how the Hex color 4CAA3A looks on a white background.

Color Contrast Check

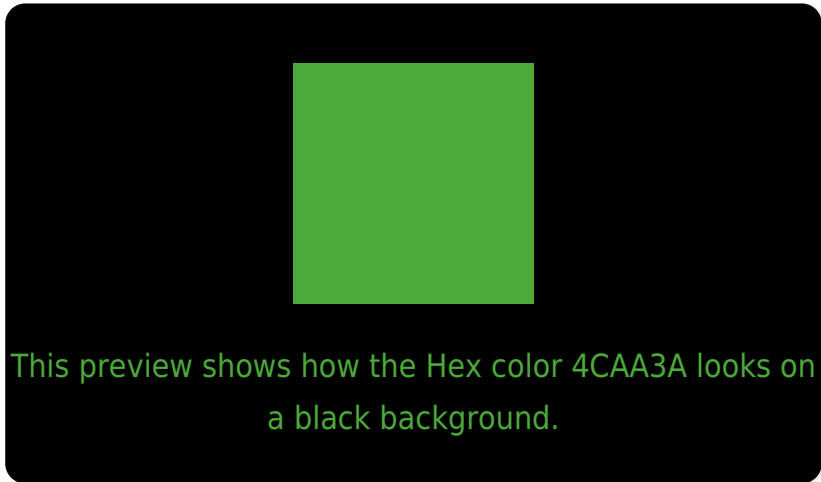
Large Text (above 18pt) WCAG AA × Fail

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 4CAA3A Background



This preview shows how black text looks on a background with the Hex color 4CAA3A.

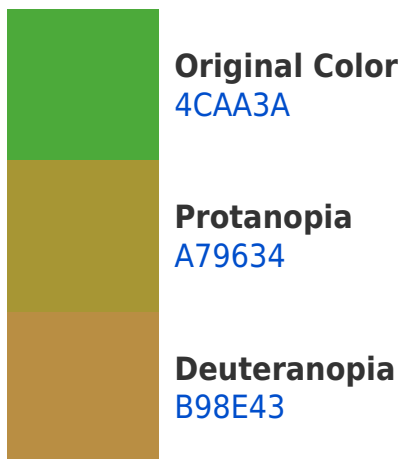


This preview shows how white text looks on a background with the Hex color 4CAA3A.

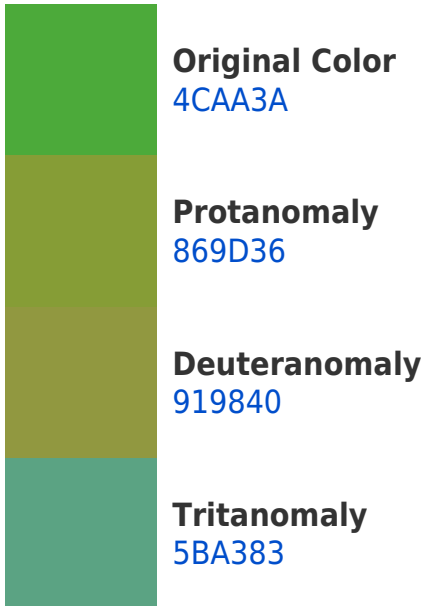
Color Blindness Simulation

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](#).

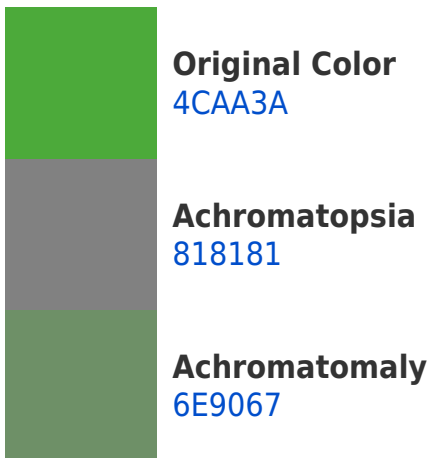
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CAA3A 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 #4CAA3A looks like.

```
.text, #text, p{  
    color:#4CAA3A  
}
```

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 #4CAA3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CAA3A
}
```

Border

The CSS property to change the border of an element to Hex 4CAA3A 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
#4CAA3A }
```

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

```
.border{ border-color:#4CAA3A }
```

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

Here you see how a box with a 4 pixel #4CAA3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CAA3A; -webkit-box-shadow:4px 4px  
4px 4px #4CAA3A; box-shadow:4px 4px 4px  
4px #4CAA3A }
```

Background

The CSS property to change the background color of an element to Hex 4CAA3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CAA3A }
```

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

```
.background{ background-color:#4CAA3A }
```

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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