

Converting Colors

Hex(4CA94C)

Have a look what the booklet for
Hex(4CA94C) contains.

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Color

Hex(4CA94C)

Conversions

Conversions Part 1

Format	Color
Hex	4CA94C
RGB	76, 169, 76
RGB Percent	30%, 66%, 30%
CMY	0.7020, 0.3373, 0.7020
CMYK	0.55, 0.00, 0.55, 0.34
HSL	120°, 38%, 48%
HSV	120°, 55%, 66%
XYZ	18.4730, 30.4342, 11.7382
YIQ	130.5910, -25.5750, -48.6390

Conversions

Conversions Part 2

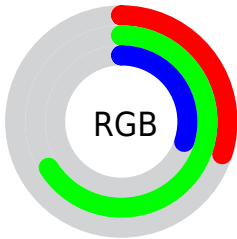
Format	Color
RYB	76, 169, 169
Decimal	5024076
CIELab	62.03, -46.70, 39.34
CIElCh	62, 61.062, 139.887
Yxy	30.4342, 0.3046, 0.5018
Android (android.graphics.Color)	4283214156 (0xFF4CA94C)
YUV	130.5910, -26.9134, -47.8763
Hunter-Lab	55.1672, -36.7712, 26.0016

Details

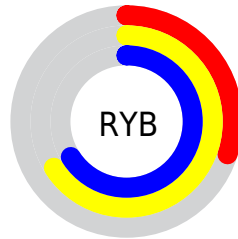
The Hex color **4CA94C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A94CA9**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **84E17F**, and **00741A** is the 20% darker color. If you saturate the color by 10%, you get **3BA93B**, and if you desaturate by 10%, it is **5DA95D**.

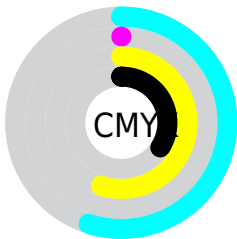
Distribution



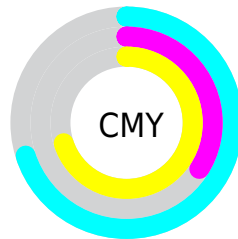
- Red (30%)
- Green (66%)
- Blue (30%)



- Red (30%)
- Yellow (66%)
- Blue (66%)



- Cyan (55%)
- Magenta (0%)
- Yellow (55%)
- Black (34%)



- Cyan (70%)
- Magenta (34%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA94C 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 4CA94C by changing the saturation by 10% instead.

 4CA94C

 4CA94C

FFFFFF

 2E8E33

 84E17F

 00741A

 A1FE9A

 005A00

 BDFFB5

 004200

 DAFFD1

 002C00

 F8FFEE

 000E00

 000000

 4CA94C

 4CA94C

 3BA93B


 5DA95D

 2AA92A

 6EA96E

 19A919

 7FA97F

 08A908

 90A990

 00A900

 A0A9A0

 B1A9B1

 C2A9C2

 D3A9D3

 E4A9E4

Harmonies

Analogous

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



8F9E23



4CA94C



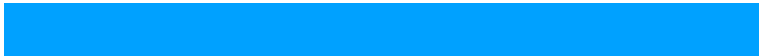
00AF81

Triad

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



4CA94C



00A1FF



F86574

Complementary

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



4CA94C



A94CA9

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.



EF65AB



4CA94C



748FFC

Square

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



4CA94C



00ACE8



C578DC



E67744

Rectangle

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



4CA94C



00B0A7



C578DC



F86286

Sweetspot

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



4CA94C



B6DBB6



A9A94C



586E58



EDEDED



6E6E6E

Same Dimension

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



4CA94C



4BDB4B



4CA97A



4C544C



009400



001400

Inverse Universe

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



A94CA9



DB4BDB



A94C7A



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color 4CA94C looks on a white background.

Color Contrast Check

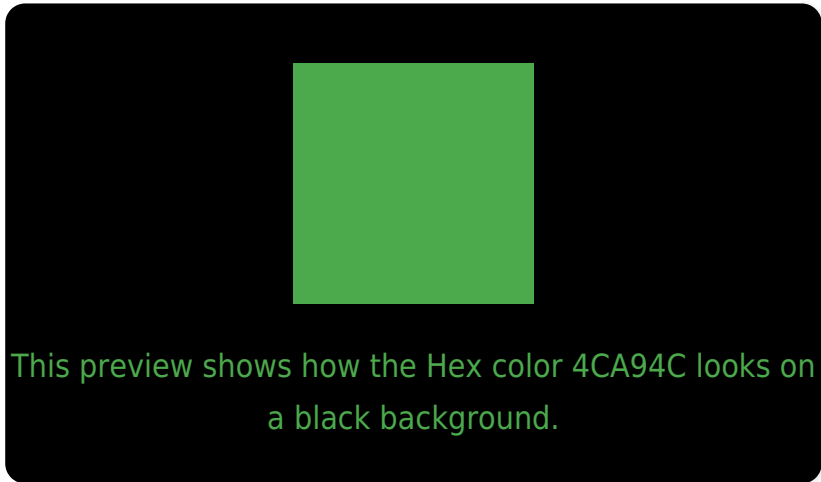
Large Text (above 18pt) WCAG AA × Fail

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 4CA94C Background



This preview shows how black text looks on a background with the Hex color 4CA94C.

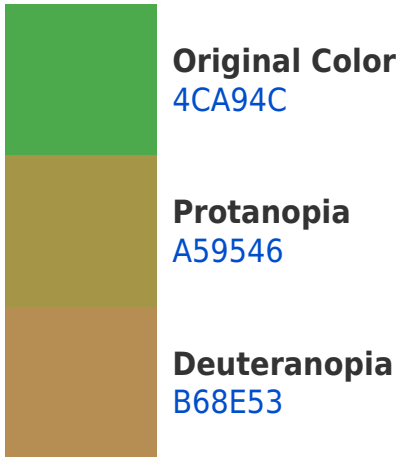


This preview shows how white text looks on a background with the Hex color 4CA94C.

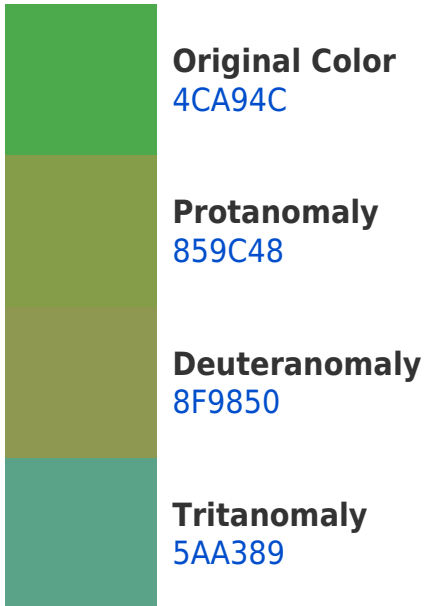
Color Blindness Simulation

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](#).

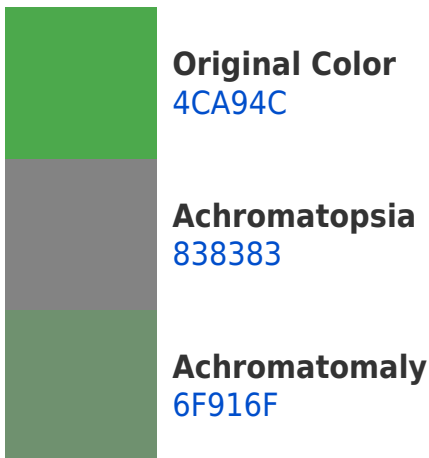
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA94C 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 #4CA94C looks like.

```
.text, #text, p{  
    color:#4CA94C  
}
```

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 #4CA94C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA94C
}
```

Border

The CSS property to change the border of an element to Hex 4CA94C 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
#4CA94C }
```

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

```
.border{ border-color:#4CA94C }
```

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

Here you see how a box with a 4 pixel #4CA94C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA94C; -webkit-box-shadow:4px 4px  
4px 4px #4CA94C; box-shadow:4px 4px 4px  
4px #4CA94C }
```

Background

The CSS property to change the background color of an element to Hex 4CA94C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA94C }
```

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

```
.background{ background-color:#4CA94C }
```

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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