

# Converting Colors

Hex(C5AC4A)

Have a look what the booklet for  
Hex(C5AC4A) contains.

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**Color**

**Hex(C5AC4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5AC4A
RGB	197, 172, 74
RGB Percent	77%, 67%, 29%
CMY	0.2275, 0.3255, 0.7098
CMYK	0.00, 0.13, 0.62, 0.23
HSL	48°, 51%, 53%
HSV	48°, 62%, 77%
XYZ	39.0145, 41.8698, 12.5040
YIQ	168.3030, 46.3580, -25.1780

# Conversions

## Conversions Part 2

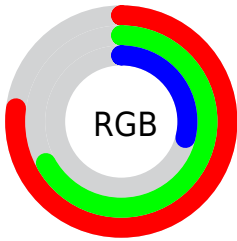
Format	Color
<a href="#">RYB</a>	<a href="#">105, 197, 74</a>
Decimal	<a href="#">12954698</a>
CIELab	<a href="#">70.78, -2.46, 52.41</a>
CIElCh	<a href="#">71, 52.467, 92.692</a>
Yxy	<a href="#">41.8698, 0.4178, 0.4483</a>
Android (android.graphics.Color)	<a href="#">4291144778 (0xFFC5AC4A)</a>
YUV	<a href="#">168.3030, -46.4914, 25.1673</a>
Hunter-Lab	<a href="#">64.7069, -5.6118, 33.8376</a>

# Details

The Hex color **C5AC4A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4A63C5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFE37E**, and **8C7813** is the 20% darker color. If you saturate the color by 10%, you get **C5A836**, and if you desaturate by 10%, it is **C5B05E**.

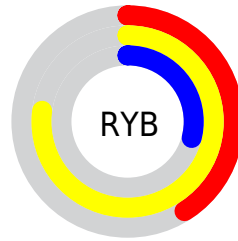
# Distribution



Red (77%)

Green (67%)

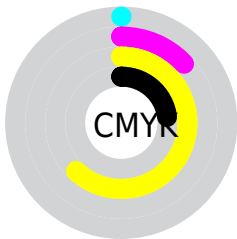
Blue (29%)



Red (41%)

Yellow (77%)

Blue (29%)

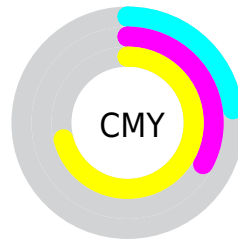


Cyan (0%)

Magenta (13%)

Yellow (62%)

Black (23%)



Cyan (23%)

Magenta (33%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5AC4A 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 C5AC4A by changing the saturation by 10% instead.





C5AC4A



C5AC4A

FFFFFF



A89230



FFE37E



8C7813



FFFF99



716000



FFFF85



564800



FFFFD1



3C3200



FFFEE



231D00



000500



000000



C5AC4A



C5AC4A

 C5A836

 C5B05E

 C5A423

 C5B471

 C5A00F

 C5B885

 C59D00

 C5BC99

 C5C0AD

 C5C4C0

 C5C8D4

 C5CCE8

 C5D0FB

# Harmonies

## Analogous

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



EC9B58



C5AC4A



94B959

# Triad

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



C5AC4A



00C4DF



EC8DDA

# Complementary

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



C5AC4A



4A63C5

# 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.



B69FFE



C5AC4A



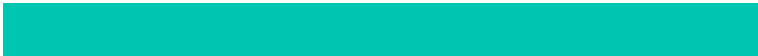
00BEFF

# Square

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



C5AC4A



00C5B0



5EB1FF



FF84AB

# Rectangle

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



C5AC4A



6CC071



5EB1FF



DD92E8



# Sweetspot

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



C5AC4A



FFF5CF



C54A65



807A62



000000



808080



# Same Dimension

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



C5AC4A



FFD840



A2C54A



63615A



A38200



241C00



# Inverse Universe

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



4A63C5



4067FF



6D4AC5



5A5C63



0021A3

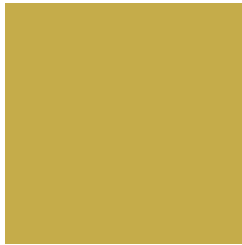


000724



# Previews

## White Background



This preview shows how the Hex color C5AC4A looks on a white background.

## Color Contrast Check

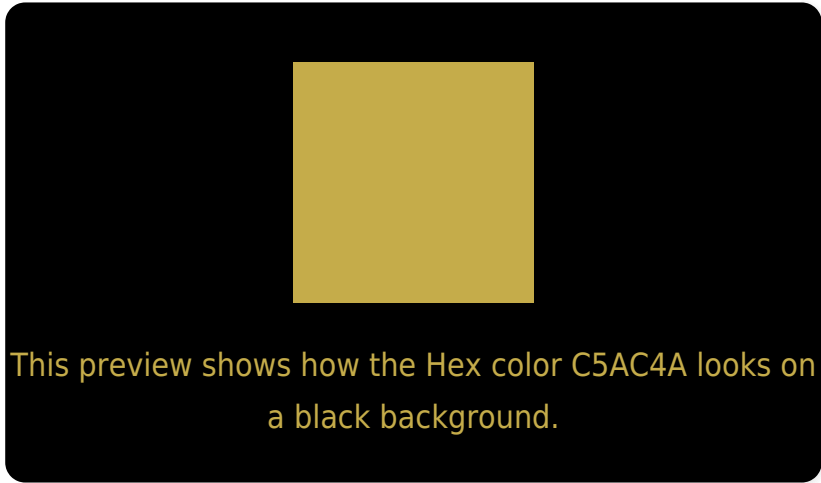
Large Text (above 18pt) WCAG AA × Fail

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 C5AC4A Background



This preview shows how black text looks on a background with the Hex color C5AC4A.

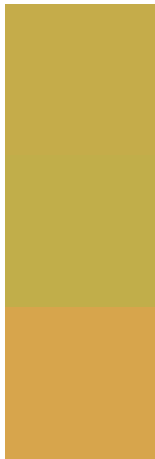


This preview shows how white text looks on a background with the Hex color C5AC4A.

# 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



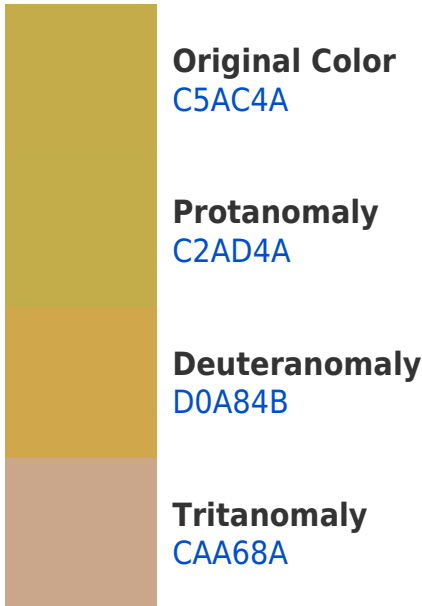
**Original Color**  
C5AC4A

**Protanopia**  
C1AE4A

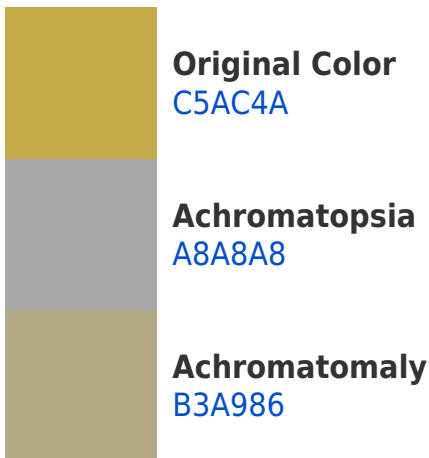
**Deuteranopia**  
D7A54C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5AC4A 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 #C5AC4A looks like.

```
.text, #text, p{  
    color:#C5AC4A  
}
```

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 #C5AC4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5AC4A
}
```

## Border

The CSS property to change the border of an element to Hex C5AC4A 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
#C5AC4A }
```

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

```
.border{ border-color:#C5AC4A }
```

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

Here you see how a box with a 4 pixel #C5AC4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5AC4A; -webkit-box-shadow:4px 4px  
4px 4px #C5AC4A; box-shadow:4px 4px 4px  
4px #C5AC4A }
```

# Background

The CSS property to change the background color of an element to Hex C5AC4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5AC4A }
```

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

```
.background{ background-color:#C5AC4A }
```

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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