

Converting Colors

Hex(C4A34A)

Have a look what the booklet for
Hex(C4A34A) contains.

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Color

Hex(C4A34A)

Conversions

Conversions Part 1

Format	Color
Hex	C4A34A
RGB	196, 163, 74
RGB Percent	77%, 64%, 29%
CMY	0.2314, 0.3608, 0.7098
CMYK	0.00, 0.17, 0.62, 0.23
HSL	44°, 51%, 53%
HSV	44°, 62%, 77%
XYZ	37.0982, 38.4246, 11.9400
YIQ	162.7210, 48.2370, -20.6830

Conversions

Conversions Part 2

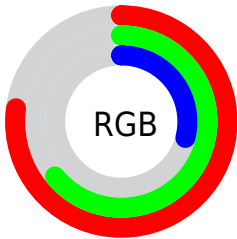
Format	Color
RYB	119, 196, 74
Decimal	12886858
CIELab	68.33, 1.90, 49.67
CIELCh	68, 49.708, 87.805
Yxy	38.4246, 0.4242, 0.4393
Android (android.graphics.Color)	4291076938 (0xFFC4A34A)
YUV	162.7210, -43.7395, 29.1857
Hunter-Lab	61.9875, -1.6499, 31.9709

Details

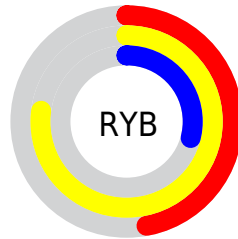
The Hex color **C4A34A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4A6BC4**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFDA7E**, and **8B7015** is the 20% darker color. If you saturate the color by 10%, you get **C49E36**, and if you desaturate by 10%, it is **C4A85E**.

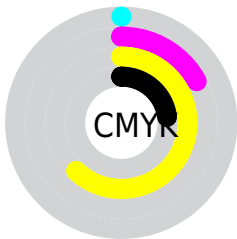
Distribution



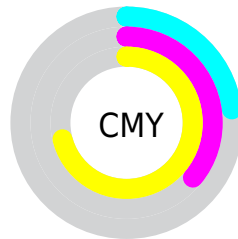
- Red (77%)
- Green (64%)
- Blue (29%)



- Red (47%)
- Yellow (77%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (62%)
- Black (23%)



- Cyan (23%)
- Magenta (36%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4A34A 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 C4A34A by changing the saturation by 10% instead.



C4A34A



C4A34A

FFFFFF



A78930



FFDA7E



8B7015



FFF699



705700



FFFFB4



554000



FFFFD0



3B2B00



FFFFED



221700



000000



C4A34A



C4A34A



C49E36



C4A85E

 C49823

 C4AE71

 C4930F

 C4B385

 C48F00

 C4B898

 C4BEAC

 C4C3C0

 C4C8D3

 C4CDE7

 C4D3FA

Harmonies

Analogous

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



E7935B



C4A34A



97B054

Triad

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



C4A34A



00BDCF



DB8BD7

Complementary

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



C4A34A



4A6BC4

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.



A49CF6



C4A34A



00B7F2

Square

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



C4A34A



00BDA2



4BACFF



F781AC

Rectangle

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



C4A34A



73B768



4BACFF



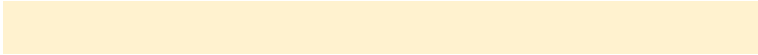
CC90E3

Sweetspot

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



C4A34A



FFF2CF



C44A6D



807862



000000



808080

Same Dimension

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



C4A34A



FFCB40



AAC44A



615E57



A17500



211800

Inverse Universe

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



4A6BC4



4073FF



644AC4



575A61



002BA1



000921

Previews

White Background



This preview shows how the Hex color C4A34A looks on a white background.

Color Contrast Check

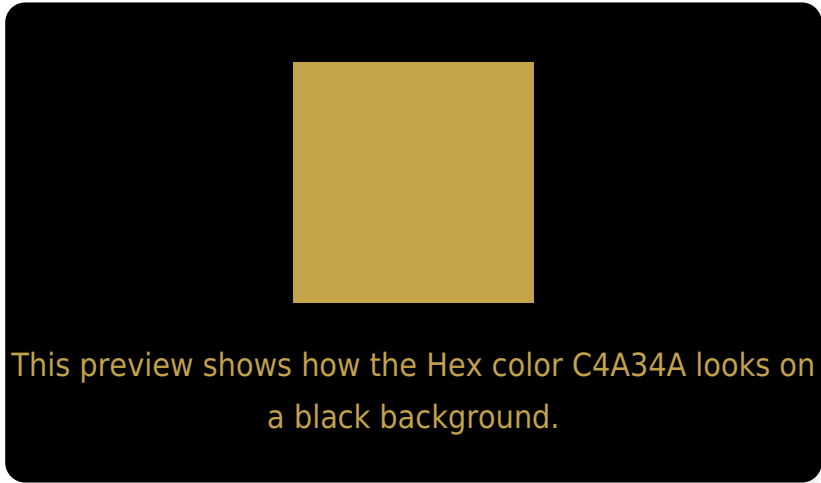
Large Text (above 18pt) WCAG AA × Fail

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 C4A34A Background



This preview shows how black text looks on a background with the Hex color C4A34A.

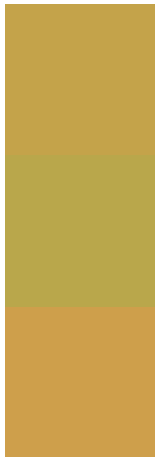


This preview shows how white text looks on a background with the Hex color C4A34A.

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
C4A34A

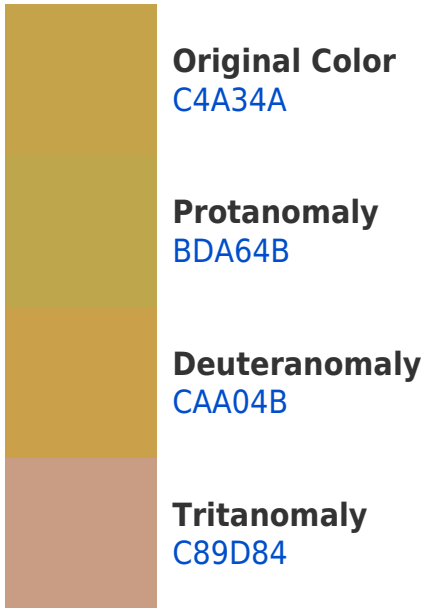
Protanopia
B9A74B

Deuteranopia
CE9F4B

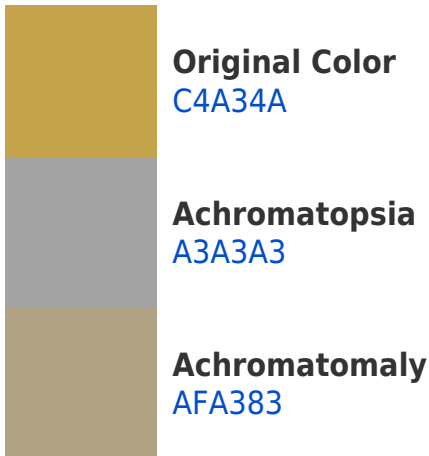


Tritanopia
CB99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4A34A 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 #C4A34A looks like.

```
.text, #text, p{  
    color:#C4A34A  
}
```

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 #C4A34A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A34A
}
```

Border

The CSS property to change the border of an element to Hex C4A34A 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
#C4A34A }
```

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

```
.border{ border-color:#C4A34A }
```

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

Here you see how a box with a 4 pixel #C4A34A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A34A; -webkit-box-shadow:4px 4px  
4px 4px #C4A34A; box-shadow:4px 4px 4px  
4px #C4A34A }
```

Background

The CSS property to change the background color of an element to Hex C4A34A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A34A }
```

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

```
.background{ background-color:#C4A34A }
```

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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