

Converting Colors

Hex(C4AF5C)

Have a look what the booklet for
Hex(C4AF5C) contains.

Hex(C4AF5C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C4AF5C)

Conversions

Conversions Part 1

Format	Color
Hex	C4AF5C
RGB	196, 175, 92
RGB Percent	77%, 69%, 36%
CMY	0.2314, 0.3137, 0.6392
CMYK	0.00, 0.11, 0.53, 0.23
HSL	48°, 47%, 56%
HSV	48°, 53%, 77%
XYZ	40.0267, 43.1684, 16.3479
YIQ	171.8170, 39.1590, -21.3610

Conversions

Conversions Part 2

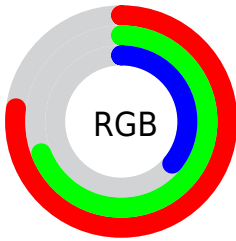
Format	Color
RYB	118, 196, 92
Decimal	12889948
CIELab	71.67, -3.11, 44.85
CIELCh	72, 44.962, 93.962
Yxy	43.1684, 0.4021, 0.4337
Android (android.graphics.Color)	4291080028 (0xFFC4AF5C)
YUV	171.8170, -39.3498, 21.2085
Hunter-Lab	65.7027, -6.2358, 31.2395

Details

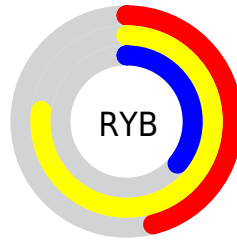
The Hex color **C4AF5C** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5C71C4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FEE690**, and **8C7B2A** is the 20% darker color. If you saturate the color by 10%, you get **C4AB48**, and if you desaturate by 10%, it is **C4B370**.

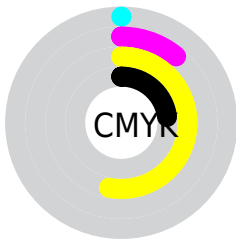
Distribution



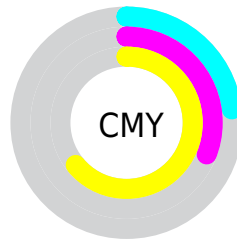
- Red (77%)
- Green (69%)
- Blue (36%)



- Red (46%)
- Yellow (77%)
- Blue (36%)



- Cyan (0%)
- Magenta (11%)
- Yellow (53%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4AF5C 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 C4AF5C by changing the saturation by 10% instead.

 C4AF5C

 C4AF5C

FFFFFF

 A89443

 FEE690

 8C7B2A

 FFFFAB

 71620F

 FFFFC7

 564A00

 FFFFE4

 3D3400

 241F00

 010800

 000000

 C4AF5C

 C4AF5C

 C4AB48

 C4B370

 C4A735

 C4B783

 C4A321

 C4BB97

 C49F0E

 C4BFAA

 C49C00

 C4C3BE

 C4C7D2

 C4CBE5

 C4CFF9

 C4D3FF

Harmonies

Analogous

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



E6A166



C4AF5C



99BB6A

Triad

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



C4AF5C



00C4DC



E795D4

Complementary

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



C4AF5C



5C71C4

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.



BBA3F4



C4AF5C



00BDF8

Square

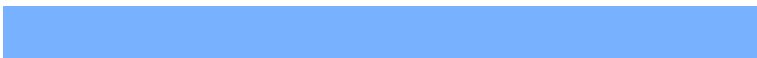
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C4AF5C



00C5B4



78B2FF



FC8EAC

Rectangle

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



C4AF5C



78C07E



78B2FF



DB99E0

Sweetspot

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



C4AF5C



FFF7D6



C45C73



807B67



000000



808080

Same Dimension

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



C4AF5C



FFDE5C



A7C45C



615F57



A18000



211A00

Inverse Universe

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



5C71C4



5C7DFF



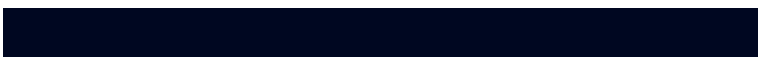
795CC4



575961



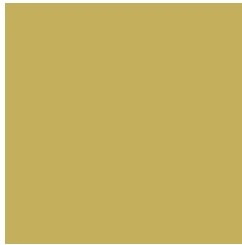
0020A1



000721

Previews

White Background



This preview shows how the Hex color C4AF5C looks on a white background.

Color Contrast Check

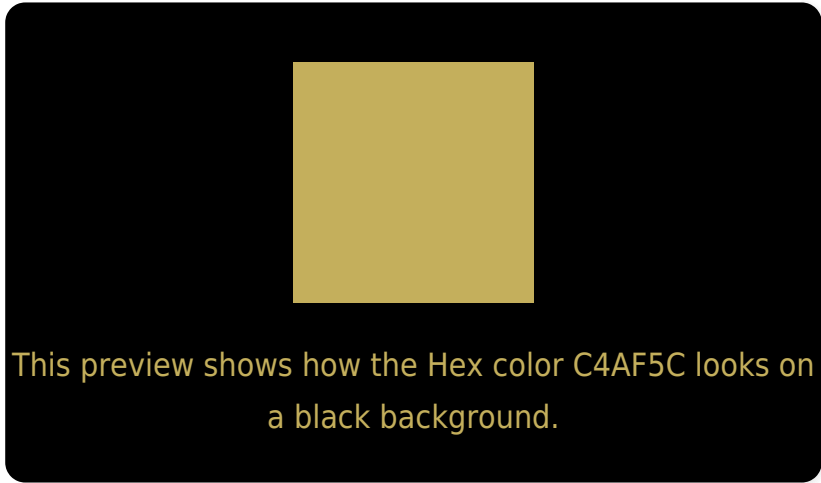
Large Text (above 18pt) WCAG AA × Fail

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 C4AF5C Background



This preview shows how black text looks on a background with the Hex color C4AF5C.



This preview shows how white text looks on a background with the Hex color C4AF5C.

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

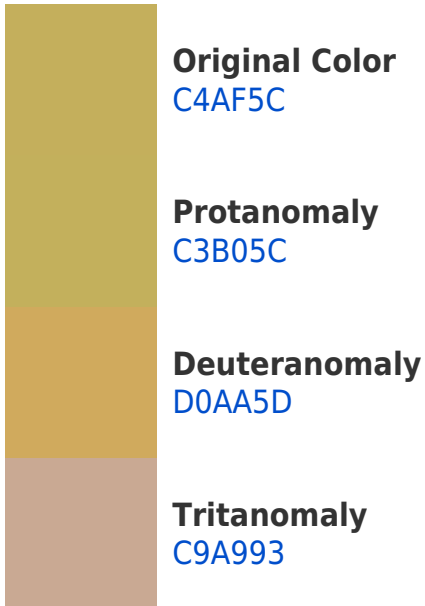


Original Color
C4AF5C

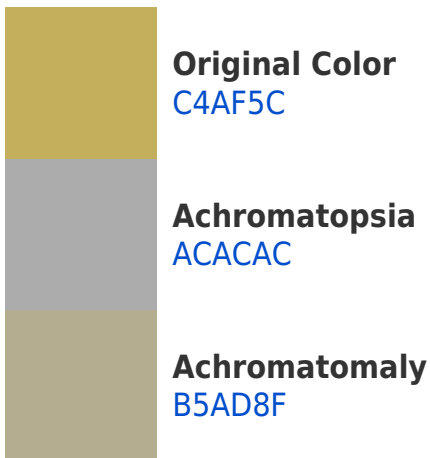
Protanopia
C2B05C

Deuteranopia
D7A75E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4AF5C 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 #C4AF5C looks like.

```
.text, #text, p{  
    color:#C4AF5C  
}
```

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 #C4AF5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4AF5C
}
```

Border

The CSS property to change the border of an element to Hex C4AF5C 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
#C4AF5C }
```

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

```
.border{ border-color:#C4AF5C }
```

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

Here you see how a box with a 4 pixel #C4AF5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4AF5C; -webkit-box-shadow:4px 4px  
4px 4px #C4AF5C; box-shadow:4px 4px 4px  
4px #C4AF5C }
```

Background

The CSS property to change the background color of an element to Hex C4AF5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4AF5C }
```

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

```
.background{ background-color:#C4AF5C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor