

Converting Colors

Hex(C4A441)

Have a look what the booklet for
Hex(C4A441) contains.

Hex(C4A441)	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(C4A441)

Conversions

Conversions Part 1

Format	Color
Hex	C4A441
RGB	196, 164, 65
RGB Percent	77%, 64%, 25%
CMY	0.2314, 0.3569, 0.7451
CMYK	0.00, 0.16, 0.67, 0.23
HSL	45°, 53%, 51%
HSV	45°, 67%, 77%
XYZ	36.9945, 38.6683, 10.5149
YIQ	162.2820, 50.8510, -24.0050

Conversions

Conversions Part 2

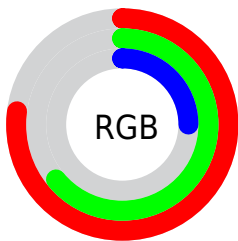
Format	Color
RYB	107, 196, 65
Decimal	12887105
CIELab	68.51, 0.80, 53.95
CIELCh	69, 53.955, 89.155
Yxy	38.6683, 0.4293, 0.4487
Android (android.graphics.Color)	4291077185 (0xFFC4A441)
YUV	162.2820, -47.9600, 29.5707
Hunter-Lab	62.1839, -2.6282, 33.5031

Details

The Hex color **C4A441** 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 **4161C4**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFDB75**, and **8B7104** is the 20% darker color. If you saturate the color by 10%, you get **C49F2D**, and if you desaturate by 10%, it is **C4A955**.

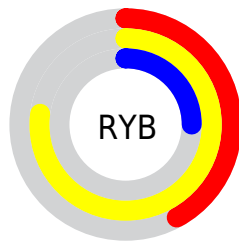
Distribution



Red (77%)

Green (64%)

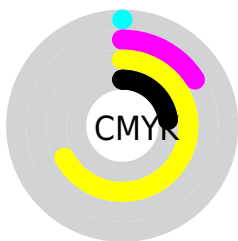
Blue (25%)



Red (42%)

Yellow (77%)

Blue (25%)

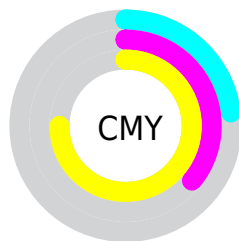


Cyan (0%)

Magenta (16%)

Yellow (67%)

Black (23%)



Cyan (23%)

Magenta (36%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4A441 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 C4A441 by changing the saturation by 10% instead.

 C4A441

 C4A441

FFFFFF

 A78A26

 FFDB75

 8B7104

 FFF790

 6F5800

 FFFFAC

 544100

 FFFFC8

 3A2C00

 FFFFFE4

 211700

 000000

 C4A441

 C4A441

 C49F2D

 C4A955

 C49A1A

 C4AE68

 C49606

 C4B27C

 C49400

 C4B78F

 C4BCA3

 C4C1B7

 C4C6CA

 C4CADE

 C4CFF1

Harmonies

Analogous

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



EA9254



C4A441



93B24E

Triad

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



C4A441



00BFD5



E288DA

Complementary

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



C4A441



4161C4

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.



A79BFC



C4A441



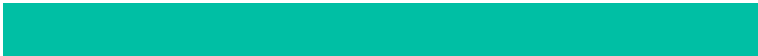
00B9FA

Square

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



C4A441



00BFA4



3EADFF



FE7DAA

Rectangle

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



C4A441



6BB965



3EADFF



D28EE7

Sweetspot

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



C4A441



FFF3CC



C44162



807861



000000



808080

Same Dimension

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



C4A441



FFCD33



A3C441



615F57



A17900



211900

Inverse Universe

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



4161C4



3365FF



6241C4



575A61



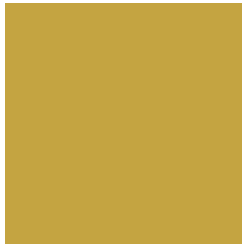
0027A1



000821

Previews

White Background



This preview shows how the Hex color C4A441 looks on a white background.

Color Contrast Check

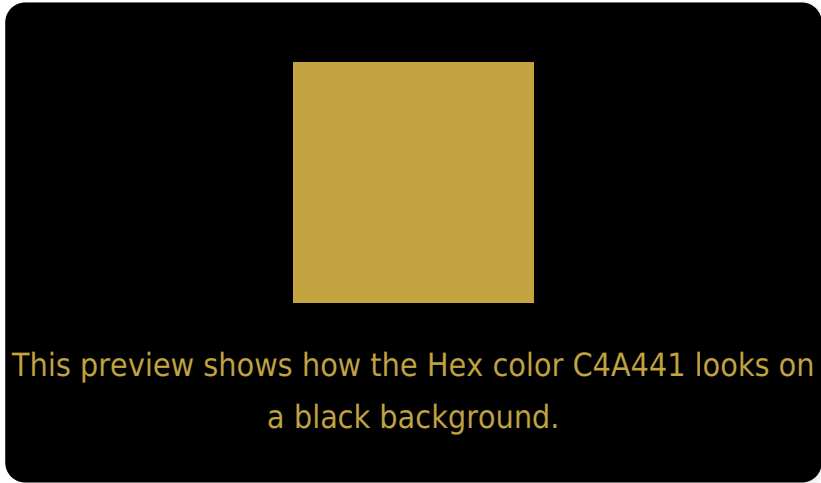
Large Text (above 18pt) WCAG AA × Fail

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 C4A441 Background



This preview shows how black text looks on a background with the Hex color C4A441.



This preview shows how white text looks on a background with the Hex color C4A441.

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
C4A441

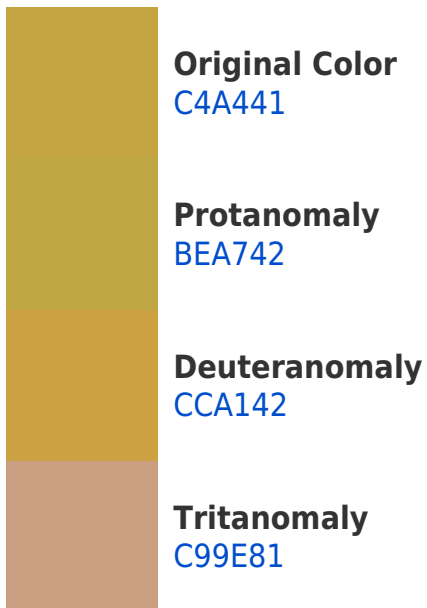
Protanopia
BAA842

Deuteranopia
D09F43

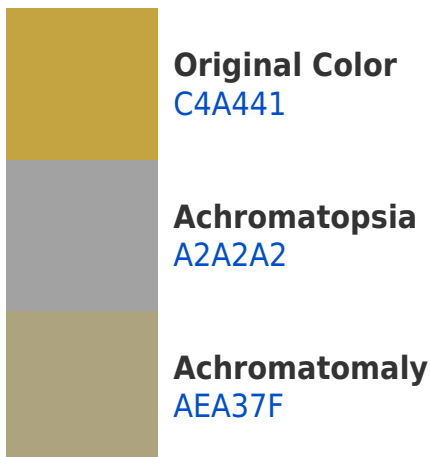


Tritanopia
CC9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4A441 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 #C4A441 looks like.

```
.text, #text, p{  
    color:#C4A441  
}
```

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 #C4A441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A441
}
```

Border

The CSS property to change the border of an element to Hex C4A441 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
#C4A441 }
```

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

```
.border{ border-color:#C4A441 }
```

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

Here you see how a box with a 4 pixel #C4A441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A441; -webkit-box-shadow:4px 4px  
4px 4px #C4A441; box-shadow:4px 4px 4px  
4px #C4A441 }
```

Background

The CSS property to change the background color of an element to Hex C4A441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A441 }
```

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

```
.background{ background-color:#C4A441 }
```

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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