

# Converting Colors

Hex(CAAA4A)

Have a look what the booklet for  
Hex(CAAA4A) contains.

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# **Color**

**Hex(CAAA4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAAA4A
RGB	202, 170, 74
RGB Percent	79%, 67%, 29%
CMY	0.2078, 0.3333, 0.7098
CMYK	0.00, 0.16, 0.63, 0.21
HSL	45°, 55%, 54%
HSV	45°, 63%, 79%
XYZ	39.9679, 41.8004, 12.4403
YIQ	168.6240, 49.8880, -23.0720

# Conversions

## Conversions Part 2

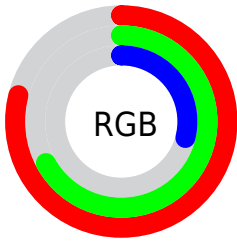
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 202, 74
Decimal	13281866
CIELab	70.73, 0.74, 52.49
CIELCh	71, 52.497, 89.187
Yxy	41.8004, 0.4242, 0.4437
Android (android.graphics.Color)	4291471946 (0xFFCAA4A4)
YUV	168.6240, -46.6496, 29.2708
Hunter-Lab	64.6532, -2.7966, 33.8489

# Details

The Hex color **CAAA4A** 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 **4A6ACA**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFE17E**, and **917613** is the 20% darker color. If you saturate the color by 10%, you get **CAA536**, and if you desaturate by 10%, it is **CAAF5E**.

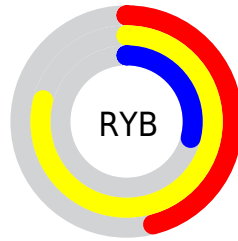
# Distribution



Red (79%)

Green (67%)

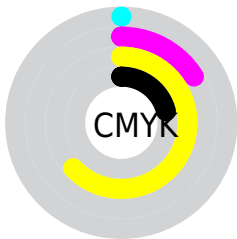
Blue (29%)



Red (46%)

Yellow (79%)

Blue (29%)

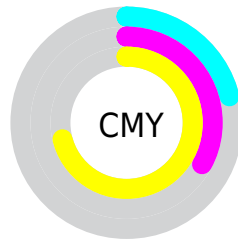


Cyan (0%)

Magenta (16%)

Yellow (63%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAAA4A 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 CAAA4A by changing the saturation by 10% instead.



 CAAA4A

 CAAA4A

FFFFFF

 AD9030

 FFE17E

 917613

 FFFE99

 755E00

 FFFFB5

 5A4600

 FFFFDD

 3F3000

 FFFFEE

 261C00

 060200

 000000

 CAAA4A

 CAAA4A

■ CAA536

■ CAAF5E

■ CAA022

■ CAB472

■ CA9B0D

■ CAB987

■ CA9800

■ CABE9B

■ CAC3AF

■ CAC8C3

■ CACDD7

■ CAD2EC

■ CAD7FF

# Harmonies

## Analogous

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



EF995C



CAAA4A



9AB856

# Triad

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



CAAA4A



00C4DA



E78FDF

# Complementary

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



CAAA4A



4A6ACA

# 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.



AEA1FF



CAAA4A



00BFFE

# Square

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



CAAA4A



00C5AA



4FB3FF



FF84B0

# Rectangle

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



CAAA4A



73BE6C



4FB3FF



D794EC



# Sweetspot

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



CAAA4A



FFF3CF



CA4A6A



807862



000000



808080



# Same Dimension

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



CAAA4A



FFCF3D



AACA4A



66635C



A67C00



261D00



# Inverse Universe

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



4A6ACA



3D6EFF



6A4ACA



5C5E66



0029A6



000A26



# Previews

## White Background



This preview shows how the Hex color CAAA4A looks on a white background.

## Color Contrast Check

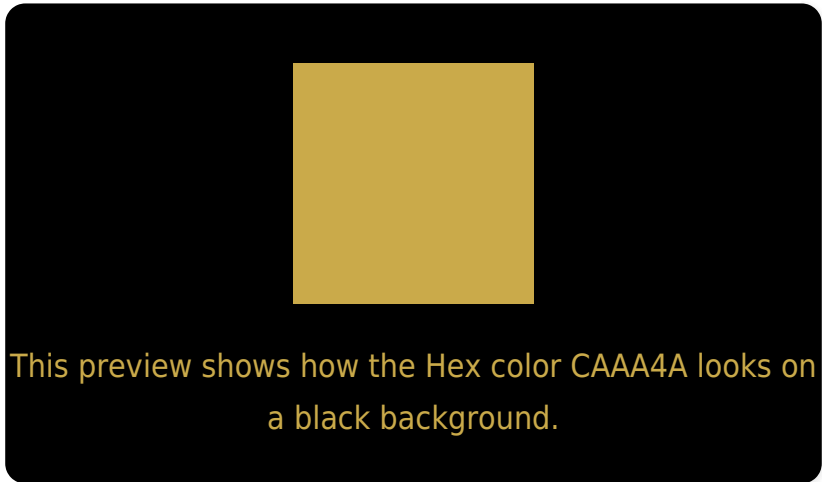
Large Text (above 18pt) WCAG AA × Fail

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 CAAA4A Background



This preview shows how black text looks on a background with the Hex color CAAA4A.

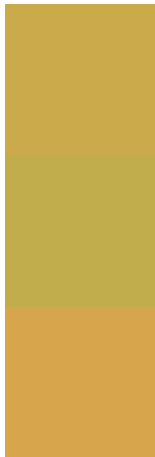


This preview shows how white text looks on a background with the Hex color CAAA4A.

# 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**  
CAAA4A

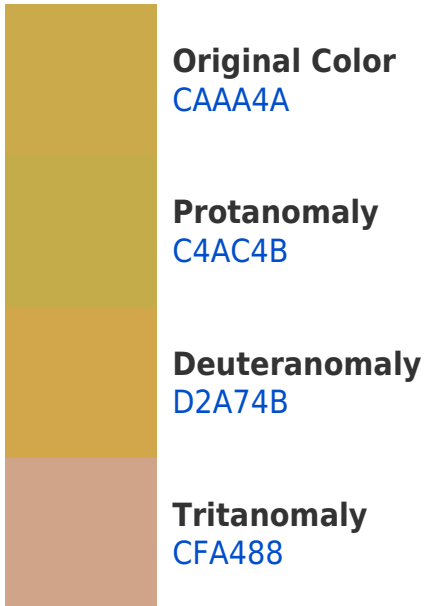
**Protanopia**  
C1AD4B

**Deuteranopia**  
D7A54B

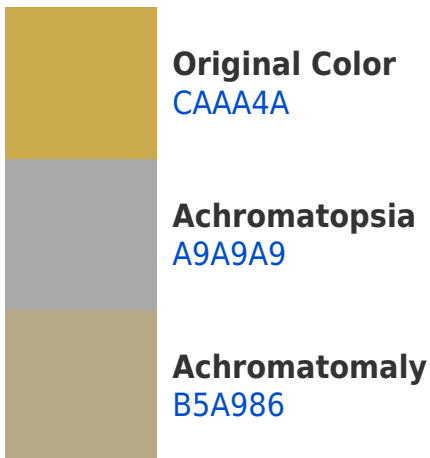


**Tritanopia**  
D2A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAAA4A 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 #CAAA4A looks like.

```
.text, #text, p{  
    color:#CAAA4A  
}
```

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 #CAA4A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA4A4 }  
}
```

## Border

The CSS property to change the border of an element to Hex CAA4A4 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 #CAA4A4 }  
}
```

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

```
.border{ border-color:#CAA4A4 }
```

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

Here you see how a box with a 4 pixel #CAA4A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA4A4; -webkit-box-shadow:4px 4px  
4px 4px #CAA4A4; box-shadow:4px 4px 4px  
4px #CAA4A4 }
```

# Background

The CSS property to change the background color of an element to Hex CAAA4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA4A }
```

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

```
.background{ background-color:#CAA4A }
```

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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