

# Converting Colors

Hex(CA8C4E)

Have a look what the booklet for  
Hex(CA8C4E) contains.

<b>Hex(CA8C4E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CA8C4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA8C4E
RGB	202, 140, 78
RGB Percent	79%, 55%, 31%
CMY	0.2078, 0.4510, 0.6941
CMYK	0.00, 0.31, 0.61, 0.21
HSL	30°, 54%, 55%
HSV	30°, 61%, 79%
XYZ	35.1104, 31.8628, 11.5073
YIQ	151.4700, 56.8540, -6.1380

# Conversions

## Conversions Part 2

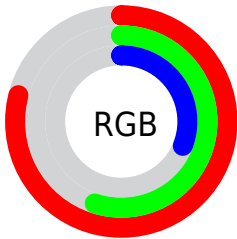
Format	Color
R <sub>Y</sub> B	202, 202, 78
Decimal	13274190
CIE Lab	63.23, 17.25, 42.04
CIE LCh	63, 45.446, 67.689
Yxy	31.8628, 0.4474, 0.4060
Android (android.graphics.Color)	4291464270 (0xFFCA8C4E)
YUV	151.4700, -36.2207, 44.3148
Hunter-Lab	56.4471, 12.2453, 27.4261

# Details

The Hex color **CA8C4E** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4E8CCA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFC281**, and **905A1D** is the 20% darker color. If you saturate the color by 10%, you get **CA823A**, and if you desaturate by 10%, it is **CA9662**.

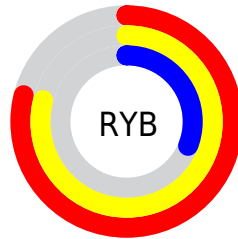
# Distribution



Red (79%)

Green (55%)

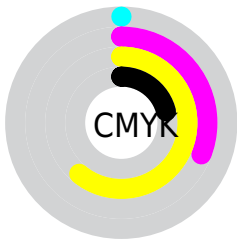
Blue (31%)



Red (79%)

Yellow (79%)

Blue (31%)

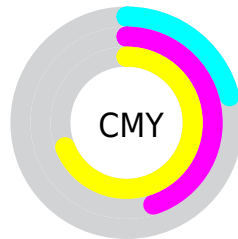


Cyan (0%)

Magenta (31%)

Yellow (61%)

Black (21%)



Cyan (21%)

Magenta (45%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA8C4E 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 CA8C4E by changing the saturation by 10% instead.



 CA8C4E

 CA8C4E

FFFFFF

 AD7236

 FFC281

 905A1D

 FFDE9B

 744203

 FFFAB7

 592C00

 FFFFD2

 3E1700

 FFFFEF

 260000

 000000

 CA8C4E

 CA8C4E

 CA823A

 CA9662

■ CA7826

■ CAA076

■ CA6E11

■ CAAA8B

■ CA6500

■ CAB49F

■ CABFB3

■ CAC9C7

■ CAD3DB

■ CADDFO

■ CAE7FF

# Harmonies

## Analogous

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



E07E6A



CA8C4E



A79A46

# Triad

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



CA8C4E



00AEA3



AA8AD9

# Complementary

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



CA8C4E



4E8CCA

# 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.



689AE9



CA8C4E



00ACC9

# Square

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



CA8C4E



43AB79



00A5E3



D37CB9

# Rectangle

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



CA8C4E



8BA24F



00A5E3



9790E1

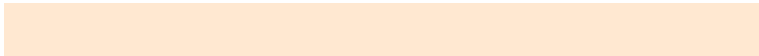


# Sweetspot

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



CA8C4E



FFE8D1



CA4E8C



807163



000000



808080



# Same Dimension

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



CA8C4E



FFA142



CACA4E



66615C



A65300



261300



# Inverse Universe

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



4E8CCA



42A1FF



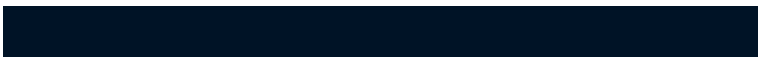
4E4ECA



5C6166



0053A6

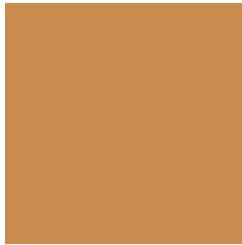


001326



# Previews

## White Background



This preview shows how the Hex color CA8C4E looks on a white background.

## Color Contrast Check

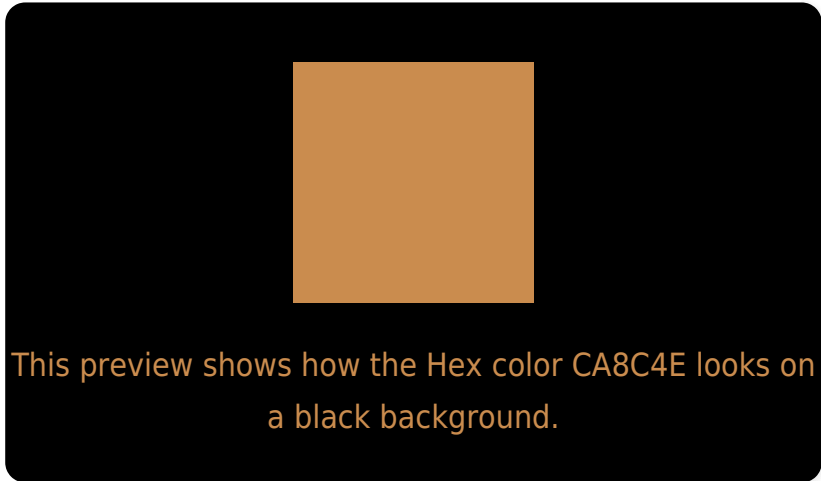
Large Text (above 18pt) WCAG AA × Fail

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

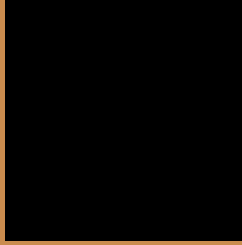
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CA8C4E Background



This preview shows how black text looks on a background with the Hex color CA8C4E.



This preview shows how white text looks on a background with the Hex color CA8C4E.

# 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**  
CA8C4E

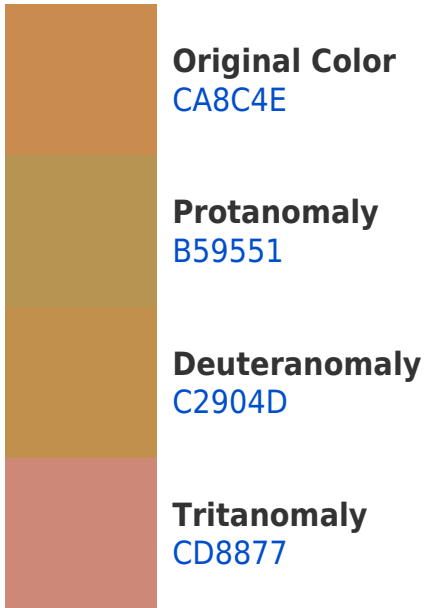
**Protanopia**  
A99A53

**Deuteranopia**  
BD924D

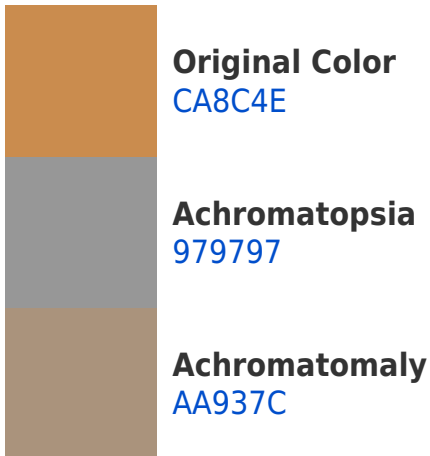


**Tritanopia**  
CF858E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA8C4E 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 #CA8C4E looks like.

```
.text, #text, p{  
    color:#CA8C4E  
}
```

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 #CA8C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8C4E
}
```

## Border

The CSS property to change the border of an element to Hex CA8C4E 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
#CA8C4E }
```

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

```
.border{ border-color:#CA8C4E }
```

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

Here you see how a box with a 4 pixel #CA8C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8C4E; -webkit-box-shadow:4px 4px  
4px 4px #CA8C4E; box-shadow:4px 4px 4px  
4px #CA8C4E }
```

# Background

The CSS property to change the background color of an element to Hex CA8C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8C4E }
```

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

```
.background{ background-color:#CA8C4E }
```

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