

# Converting Colors

Hex(CA995B)

Have a look what the booklet for  
Hex(CA995B) contains.

<b>Hex(CA995B)</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(CA995B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA995B
RGB	202, 153, 91
RGB Percent	79%, 60%, 36%
CMY	0.2078, 0.4000, 0.6431
CMYK	0.00, 0.24, 0.55, 0.21
HSL	34°, 51%, 57%
HSV	34°, 55%, 79%
XYZ	37.6367, 36.0944, 14.8808
YIQ	160.5830, 49.1060, -8.8940

# Conversions

## Conversions Part 2

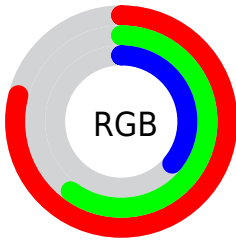
Format	Color
<b>RYB</b>	179, 202, 91
Decimal	13277531
CIELab	66.59, 11.16, 39.38
CIElCh	67, 40.933, 74.171
Yxy	36.0944, 0.4247, 0.4073
Android (android.graphics.Color)	4291467611 (0xFFCA995B)
YUV	160.5830, -34.3044, 36.3227
Hunter-Lab	60.0786, 6.6852, 27.3696

# Details

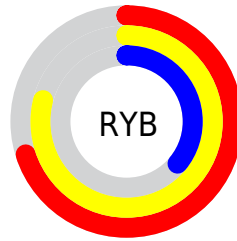
The Hex color **CA995B** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5B8CCA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCF8E**, and **91662B** is the 20% darker color. If you saturate the color by 10%, you get **CA9047**, and if you desaturate by 10%, it is **CAA26F**.

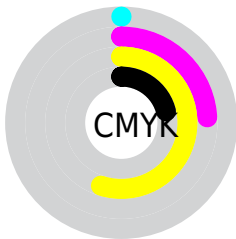
# Distribution



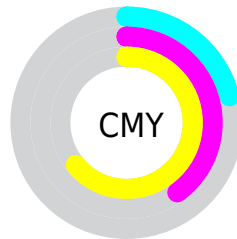
- Red (79%)
- Green (60%)
- Blue (36%)



- Red (70%)
- Yellow (79%)
- Blue (36%)



- Cyan (0%)
- Magenta (24%)
- Yellow (55%)
- Black (21%)



- Cyan (21%)
- Magenta (40%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA995B 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 CA995B by changing the saturation by 10% instead.



 CA995B

 CA995B

FFFFFF

 AD7F42

 FFCF8E

 91662B

 FFEBA9

 754E12

 FFFFC5

 5B3700

 FFFFE1

 402200

FFFFFFE

 270E00

 000000

 CA995B

 CA995B

 CA9047

 CAA26F

■ CA8733

■ CAAB83

■ CA7E1E

■ CAB498

■ CA750A

■ CABDAC

■ CA7100

■ CAC6C0

■ CACFD4

■ CAD7E8

■ CAE0FD

■ CAE9FF

# Harmonies

## Analogous

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



E18C70



CA995B



A8A559

# Triad

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



CA995B



00B5B3



BC92D7

# Complementary

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



CA995B



5B8CCA

# 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.



87A0E9



CA995B



00B3D4

# Square

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



CA995B



4DB48D



3EABE8



DD87B7

# Rectangle

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



CA995B



8DAC63



3EABE8



AC96DF

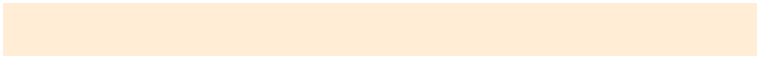


# Sweetspot

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



CA995B



FFEDD6



CA5B8D



807567



000000



808080



# Same Dimension

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



CA995B



FFB557



C4CA5B



66615C



A65D00



261500

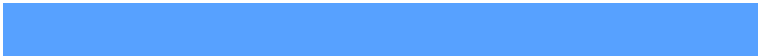


# Inverse Universe

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



5B8CCA



57A1FF



615BCA



5C6066



0049A6

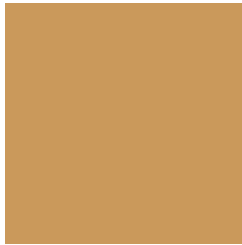


001126



# Previews

## White Background



This preview shows how the Hex color CA995B 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 CA995B Background



This preview shows how black text looks on a background with the Hex color CA995B.




This preview shows how white text looks on a background with the Hex color CA995B.

# 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](#).

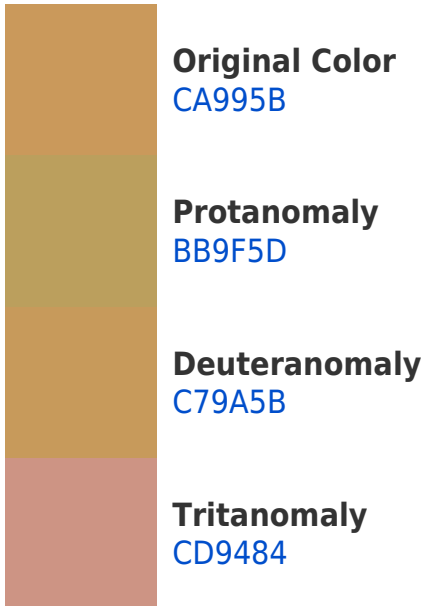
## Dichromacy



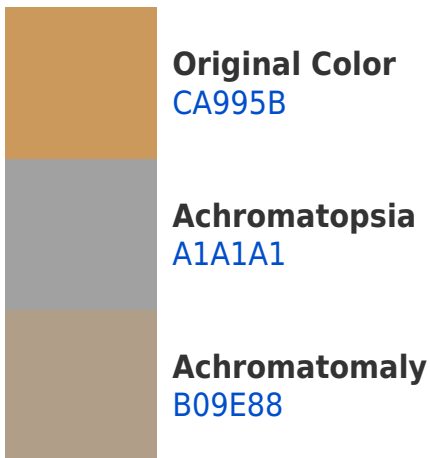


**Tritanopia**  
CF919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA995B 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 #CA995B looks like.

```
.text, #text, p{  
    color:#CA995B  
}
```

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 #CA995B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA995B
}
```

## Border

The CSS property to change the border of an element to Hex CA995B 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
#CA995B }
```

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

```
.border{ border-color:#CA995B }
```

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

Here you see how a box with a 4 pixel #CA995B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA995B; -webkit-box-shadow:4px 4px  
4px 4px #CA995B; box-shadow:4px 4px 4px  
4px #CA995B }
```

# Background

The CSS property to change the background color of an element to Hex CA995B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA995B }
```

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

```
.background{ background-color:#CA995B }
```

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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