

# Converting Colors

Hex(CA9E60)

Have a look what the booklet for  
Hex(CA9E60) contains.

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**Color**

**Hex(CA9E60)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA9E60
RGB	202, 158, 96
RGB Percent	79%, 62%, 38%
CMY	0.2078, 0.3804, 0.6235
CMYK	0.00, 0.22, 0.52, 0.21
HSL	35°, 50%, 58%
HSV	35°, 52%, 79%
XYZ	38.6953, 37.8548, 16.3336
YIQ	164.0880, 46.1260, -9.9540

# Conversions

## Conversions Part 2

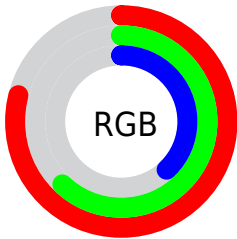
Format	Color
<a href="#">RYB</a>	<a href="#">171, 202, 96</a>
Decimal	<a href="#">13278816</a>
CIELab	<a href="#">67.91, 8.88, 38.41</a>
CIElCh	<a href="#">68, 39.423, 76.983</a>
Yxy	<a href="#">37.8548, 0.4166, 0.4076</a>
Android (android.graphics.Color)	<a href="#">4291468896 (0xFFCA9E60)</a>
YUV	<a href="#">164.0880, -33.5674, 33.2488</a>
Hunter-Lab	<a href="#">61.5263, 4.5919, 27.3285</a>

# Details

The Hex color **CA9E60** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **608CCA**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFD594**, and **916B2F** is the 20% darker color. If you saturate the color by 10%, you get **CA964C**, and if you desaturate by 10%, it is **CAA674**.

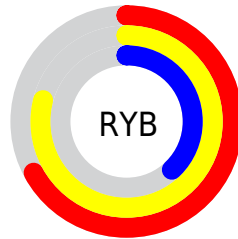
# Distribution



Red (79%)

Green (62%)

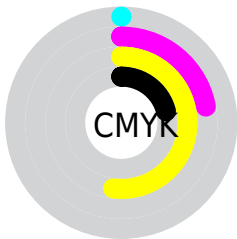
Blue (38%)



Red (67%)

Yellow (79%)

Blue (38%)

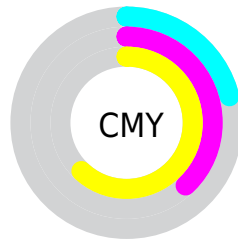


Cyan (0%)

Magenta (22%)

Yellow (52%)

Black (21%)



Cyan (21%)

Magenta (38%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA9E60 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 CA9E60 by changing the saturation by 10% instead.



 CA9E60

 CA9E60

FFFFFF

 AD8447

 FFD594

 916B2F

 FFF1AF

 765317

 FFFFCA

 5B3C00

 FFFF E7

 412600

 281200

 000000

 CA9E60

 CA9E60

 CA964C

 CAA674

■ CA8D38

■ CAAF88

■ CA8523

■ CAB79D

■ CA7C0F

■ CAC0B1

■ CA7600

■ CAC8C5

■ CAD0D9

■ CAD9ED

■ CAE1FF

■ CAE9FF

# Harmonies

## Analogous

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



E29273



CA9E60



A8AA60

# Triad

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



CA9E60



00B8B9



C395D6

# Complementary

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



CA9E60



608CCA

# 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.



92A2E9



CA9E60



00B5D8

# Square

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



CA9E60



50B794



52AEEA



E18BB7

# Rectangle

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



CA9E60



8EB06B



52AEEA



B499DE

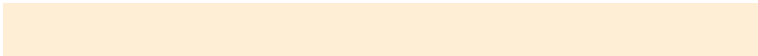


# Sweetspot

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



CA9E60



FFEED6



CA608C



807567



000000



808080



# Same Dimension

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



CA9E60



FFBC5E



C1CA60



66625C



A66100



261600

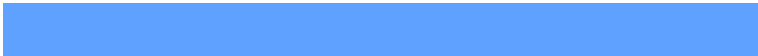


# Inverse Universe

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



608CCA



5EA1FF



6960CA



5C6066



0045A6

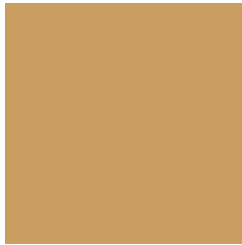


001026



# Previews

## White Background



This preview shows how the Hex color CA9E60 looks on a white background.

## Color Contrast Check

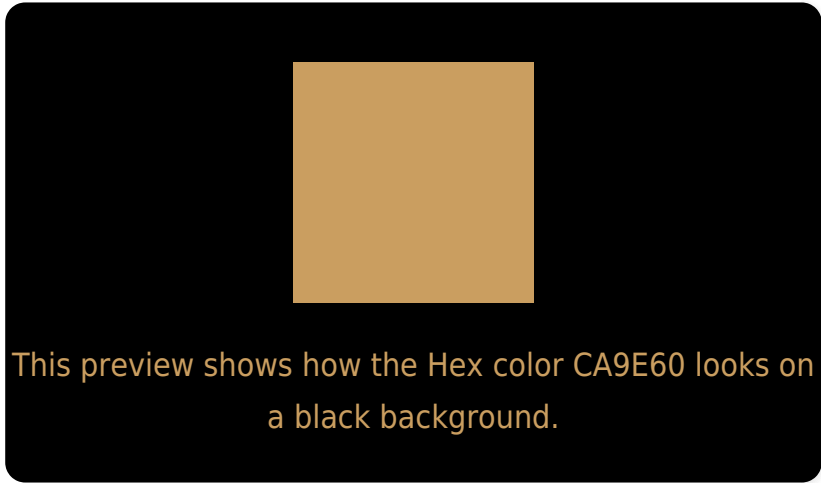
Large Text (above 18pt) WCAG AA × Fail

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

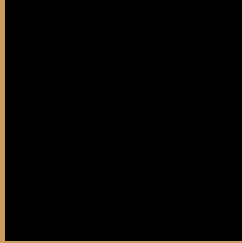
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA9E60 Background



This preview shows how black text looks on a background with the Hex color CA9E60.

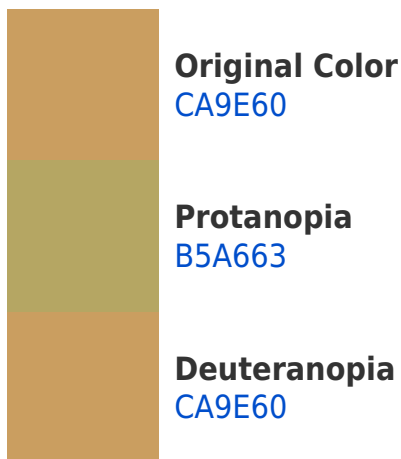


This preview shows how white text looks on a background with the Hex color CA9E60.

# 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](#).

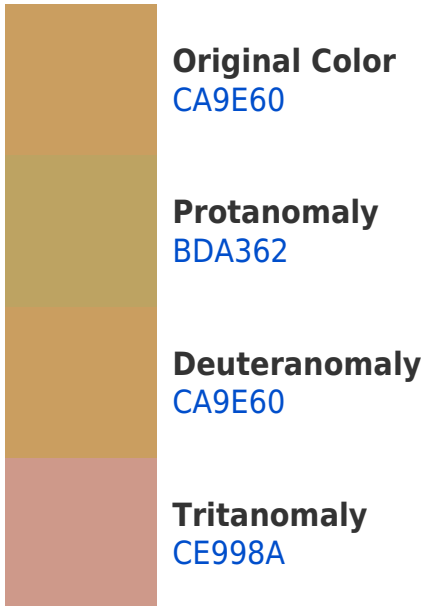
## Dichromacy





**Tritanopia**  
D096A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA9E60 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 #CA9E60 looks like.

```
.text, #text, p{  
    color:#CA9E60  
}
```

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 #CA9E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9E60
}
```

## Border

The CSS property to change the border of an element to Hex CA9E60 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
#CA9E60 }
```

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

```
.border{ border-color:#CA9E60 }
```

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

Here you see how a box with a 4 pixel #CA9E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9E60; -webkit-box-shadow:4px 4px  
4px 4px #CA9E60; box-shadow:4px 4px 4px  
4px #CA9E60 }
```

# Background

The CSS property to change the background color of an element to Hex CA9E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9E60 }
```

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

```
.background{ background-color:#CA9E60 }
```

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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