

# Converting Colors

Hex(CA9968)

Have a look what the booklet for  
Hex(CA9968) contains.

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**Color**

**Hex(CA9968)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA9968
RGB	202, 153, 104
RGB Percent	79%, 60%, 41%
CMY	0.2078, 0.4000, 0.5922
CMYK	0.00, 0.24, 0.49, 0.21
HSL	30°, 48%, 60%
HSV	30°, 49%, 79%
XYZ	38.2470, 36.3385, 18.0949
YIQ	162.0650, 44.9330, -4.8510

# Conversions

## Conversions Part 2

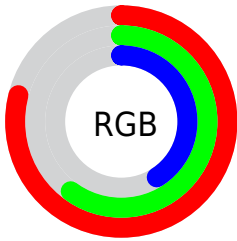
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	202, 202, 104
Decimal	13277544
CIE <sub>Lab</sub>	66.78, 12.34, 32.76
CIE <sub>LCh</sub>	67, 35.008, 69.363
Yxy	36.3385, 0.4127, 0.3921
Android (android.graphics.Color)	4291467624 (0xFFCA9968)
YUV	162.0650, -28.6260, 35.0230
Hunter-Lab	60.2814, 7.7613, 24.3997

# Details

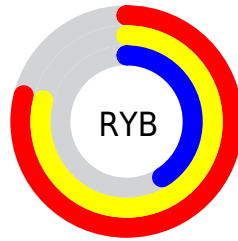
The Hex color **CA9968** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6899CA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFCF9C**, and **916638** is the 20% darker color. If you saturate the color by 10%, you get **CA8F54**, and if you desaturate by 10%, it is **CAA37C**.

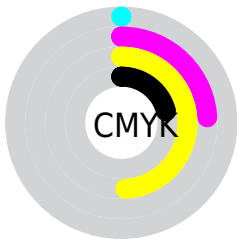
# Distribution



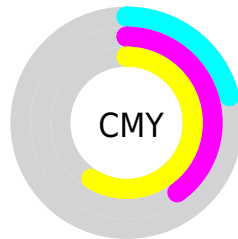
- Red (79%)
- Green (60%)
- Blue (41%)



- Red (79%)
- Yellow (79%)
- Blue (41%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (21%)



- Cyan (21%)
- Magenta (40%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA9968 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 CA9968 by changing the saturation by 10% instead.



CA9968

CA9968

FFFFFF

AD7F4F

FFCF9C

916638

FFECB7

764E21

FFFFD3

5C370A

FFFFEF

422200

290D00

000000

CA9968

CA9968

CA8F54

CAA37C

CA8540

CAAD90

CA7B2B

CAB7A5

CA7117

CAC1B9

CA6703

CACCCD

CA6500

CAD6E1

CAE0F5

CAEAFF

CAF4FF

# Harmonies

## Analogous

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



DC8F7C



CA9968



AEA464

# Triad

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



CA9968



3BB3AC



B397D3

# Complementary

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



CA9968



6899CA

# 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.



86A2E0



CA9968



27B2C9

# Square

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



CA9968



65B28B



51ACDD



D28DB9

# Rectangle

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



CA9968



97AA6B



51ACDD



A59BD9

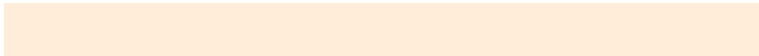


# Sweetspot

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



CA9968



FFECD9



CA6899



807469



000000



808080



# Same Dimension

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



CA9968



FFB56B



CACA68



66615C



A65300



261300

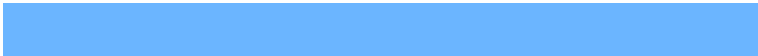


# Inverse Universe

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



6899CA



6BB5FF



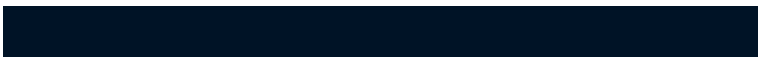
6868CA



5C6166



0053A6

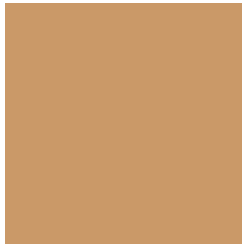


001326



# Previews

## White Background



This preview shows how the Hex color CA9968 looks on a white background.

## Color Contrast Check

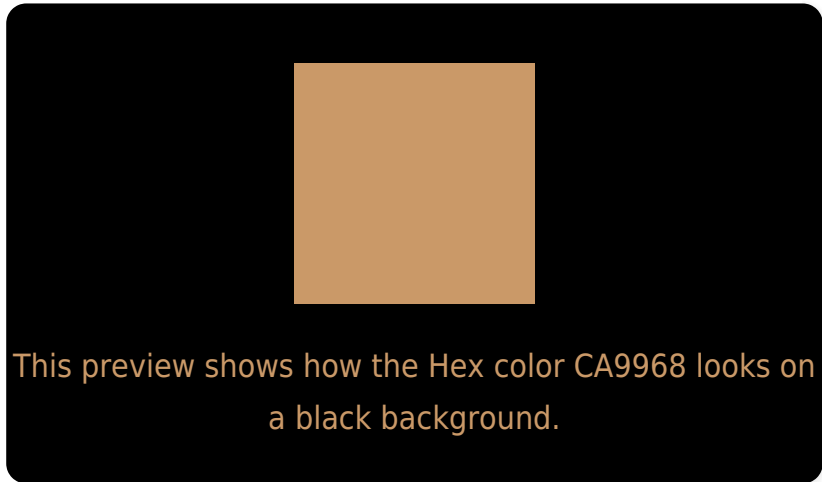
Large Text (above 18pt) WCAG AA × Fail

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

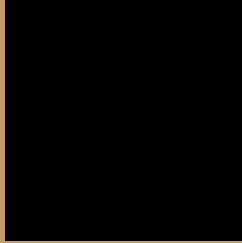
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA9968 Background



This preview shows how black text looks on a background with the Hex color CA9968.



This preview shows how white text looks on a background with the Hex color CA9968.

# 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**  
CA9968

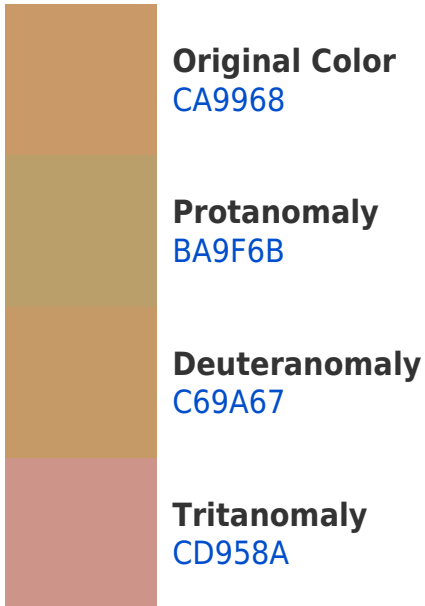
**Protanopia**  
B1A36C

**Deuteranopia**  
C49B67

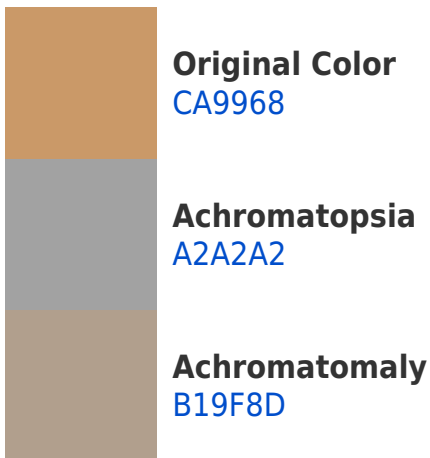


**Tritanopia**  
CF929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA9968 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 #CA9968 looks like.

```
.text, #text, p{  
    color:#CA9968  
}
```

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 #CA9968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9968  
}
```

## Border

The CSS property to change the border of an element to Hex CA9968 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  
#CA9968 }
```

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

```
.border{ border-color:#CA9968 }
```

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

Here you see how a box with a 4 pixel #CA9968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9968; -webkit-box-shadow:4px 4px  
4px 4px #CA9968; box-shadow:4px 4px 4px  
4px #CA9968 }
```

# Background

The CSS property to change the background color of an element to Hex CA9968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9968 }
```

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

```
.background{ background-color:#CA9968 }
```

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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