

Converting Colors

Hex(CA9A67)

Have a look what the booklet for
Hex(CA9A67) contains.

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Color

Hex(CA9A67)

Conversions

Conversions Part 1

Format	Color
Hex	CA9A67
RGB	202, 154, 103
RGB Percent	79%, 60%, 40%
CMY	0.2078, 0.3961, 0.5961
CMYK	0.00, 0.24, 0.49, 0.21
HSL	31°, 48%, 60%
HSV	31°, 49%, 79%
XYZ	38.3609, 36.6470, 17.8837
YIQ	162.5380, 44.9790, -5.6850

Conversions

Conversions Part 2

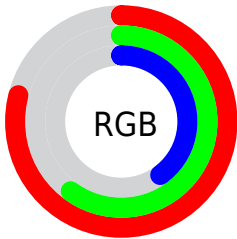
Format	Color
RYB	196, 202, 103
Decimal	13277799
CIELab	67.01, 11.70, 33.59
CIElCh	67, 35.572, 70.802
Yxy	36.6470, 0.4130, 0.3945
Android (android.graphics.Color)	4291467879 (0xFFCA9A67)
YUV	162.5380, -29.3522, 34.6082
Hunter-Lab	60.5368, 7.1723, 24.8604

Details

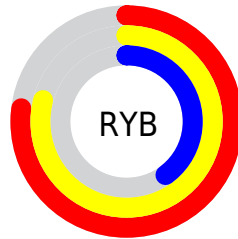
The Hex color **CA9A67** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6797CA**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFD09B**, and **916737** is the 20% darker color. If you saturate the color by 10%, you get **CA9053**, and if you desaturate by 10%, it is **CAA47B**.

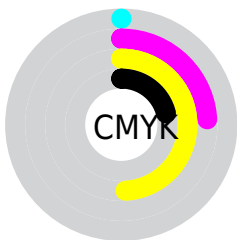
Distribution



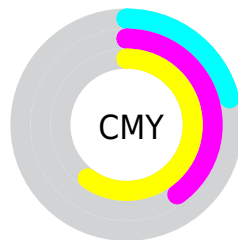
- Red (79%)
- Green (60%)
- Blue (40%)



- Red (77%)
- Yellow (79%)
- Blue (40%)



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



- Cyan (21%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA9A67 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 CA9A67 by changing the saturation by 10% instead.

 CA9A67

 CA9A67

FFFFFF

 AD804E

 FFD09B

 916737

 FFEDB6

 764F20

 FFFFD2

 5B3808

 FFFFEE

 422200

 280E00

 000000

 CA9A67

 CA9A67

 CA9053

 CAA47B

CA863F

CAAE8F

CA7D2A

CAB7A4

CA7316

CAC1B8

CA6902

CACBCC

CA6800

CAD5E0

CADFF4

CAE8FF

CAF2FF

Harmonies

Analogous

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



DD907B



CA9A67



ADA563

Triad

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



CA9A67



37B4AE



B697D4

Complementary

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



CA9A67



6797CA

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.



88A2E2



CA9A67



23B2CC

Square

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



CA9A67



62B38D



52ACDF



D58DB9

Rectangle

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



CA9A67



96AB6B



52ACDF



A89ADA

Sweetspot

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



CA9A67



FFECD9



CA6799



807469



000000



808080

Same Dimension

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



CA9A67



FFB669



CACA67



66615C



A65500



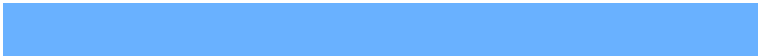
261400

Inverse Universe

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



6797CA



69B1FF



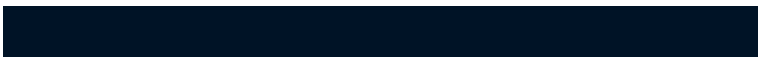
6767CA



5C6166



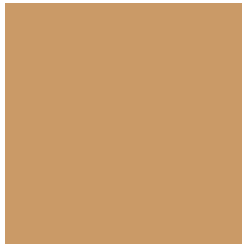
0050A6



001326

Previews

White Background



This preview shows how the Hex color CA9A67 looks on a white background.

Color Contrast Check

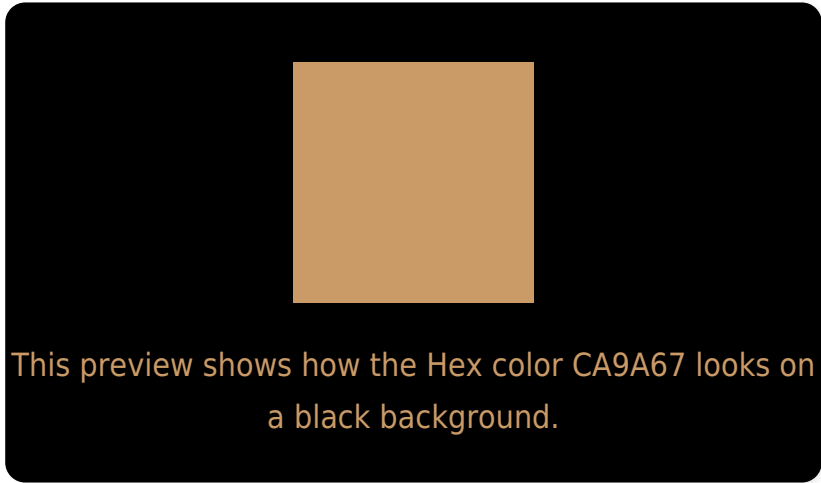
Large Text (above 18pt) WCAG AA × Fail

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

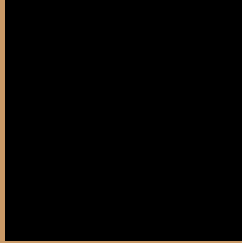
Any Text WCAG AA ✓ Pass

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 CA9A67 Background



This preview shows how black text looks on a background with the Hex color CA9A67.

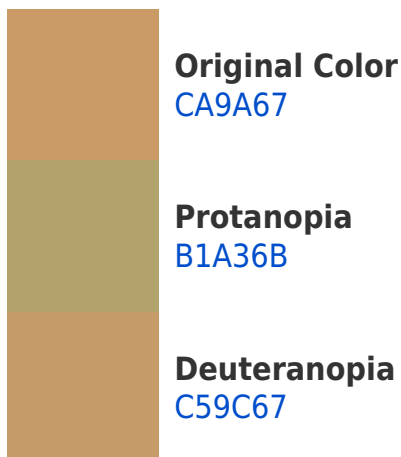


This preview shows how white text looks on a background with the Hex color CA9A67.

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](#).

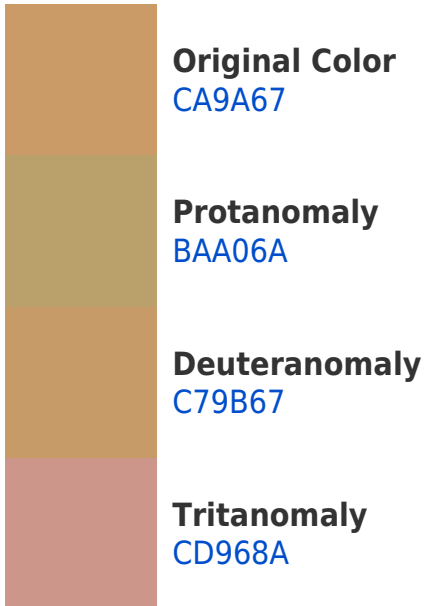
Dichromacy



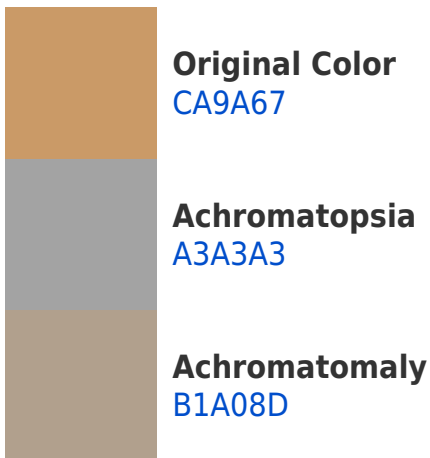


Tritanopia
CF939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA9A67 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 #CA9A67 looks like.

```
.text, #text, p{  
    color:#CA9A67  
}
```

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 #CA9A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9A67
}
```

Border

The CSS property to change the border of an element to Hex CA9A67 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
#CA9A67 }
```

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

```
.border{ border-color:#CA9A67 }
```

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

Here you see how a box with a 4 pixel #CA9A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9A67; -webkit-box-shadow:4px 4px  
4px 4px #CA9A67; box-shadow:4px 4px 4px  
4px #CA9A67 }
```

Background

The CSS property to change the background color of an element to Hex CA9A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9A67 }
```

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

```
.background{ background-color:#CA9A67 }
```

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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