

# Converting Colors

Hex(CA9875)

Have a look what the booklet for  
Hex(CA9875) contains.

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**Color**

**Hex(CA9875)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CA9875                     |
| RGB           | 202, 152, 117              |
| RGB Percent   | 79%, 60%, 46%              |
| CMY           | 0.2078, 0.4039, 0.5412     |
| CMYK          | 0.00, 0.25, 0.42, 0.21     |
| HSL           | 25°, 45%, 63%              |
| HSV           | 25°, 42%, 79%              |
| XYZ           | 38.7962, 36.2974, 21.7909  |
| YIQ           | 162.9600, 41.0350, -0.2850 |

# Conversions

## Conversions Part 2

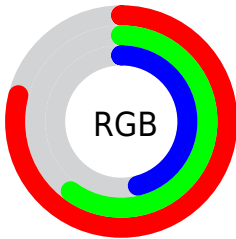
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 202, 177, 117                  |
| Decimal                             | 13277301                       |
| CIE Lab                             | 66.75, 14.23, 25.68            |
| CIE LCh                             | 67, 29.360, 61.006             |
| Yxy                                 | 36.2974, 0.4004,<br>0.3746     |
| Android<br>(android.graphics.Color) | 4291467381<br>(0xFFCA9875)     |
| YUV                                 | 162.9600, -22.6583,<br>34.2381 |
| Hunter-Lab                          | 60.2473, 9.5122,<br>20.7284    |

# Details

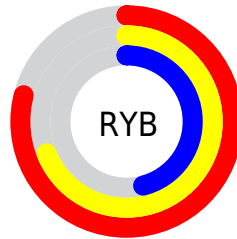
The Hex color **CA9875** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75A7CA**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFCEA9**, and **926544** is the 20% darker color. If you saturate the color by 10%, you get **CA8C61**, and if you desaturate by 10%, it is **CAA489**.

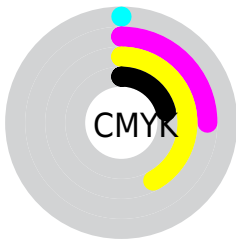
# Distribution



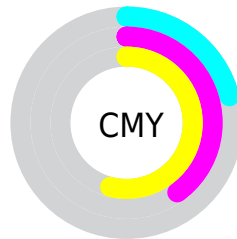
- Red (79%)
- Green (60%)
- Blue (46%)



- Red (79%)
- Yellow (69%)
- Blue (46%)



- Cyan (0%)
- Magenta (25%)
- Yellow (42%)
- Black (21%)



- Cyan (21%)
- Magenta (40%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA9875 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 CA9875 by changing the saturation by 10% instead.



 CA9875

 CA9875

FFFFFF

 AE7E5C

 FFCEA9

 926544

 FFEBC5

 774D2E

 FFFFE1

 5C3618

FFFFFFD

 432000

 2A0C00

 010000

 000000

 CA9875

 CA9875

CA8C61

CAA489

CA804D

CAB09D

CA7438

CABCB2

CA6824

CAC8C6

CA5D10

CAD3DA

CA5300

CADFEE

CAEBFF

CAF7FF

CAFFFF

# Harmonies

## Analogous

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



D69188



CA9875



B4A16D

# Triad

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



CA9875



5CB1A2



A79BD0

# Complementary

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



CA9875



75A7CA

# 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.



81A5D7



CA9875



4CB0BD

# Square

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



CA9875



79AE88



5CACD0



C593BC

# Rectangle

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



CA9875



A2A771



5CACD0



9B9ED3

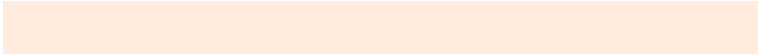


# Sweetspot

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



CA9875



FFECDE



CA75A8



80746B



000000



808080



# Same Dimension

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



CA9875



FFB480



CAC275



66605C



A64400



261000

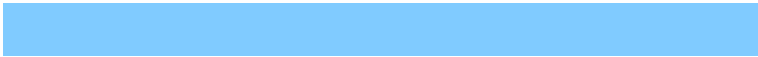


# Inverse Universe

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



75A7CA



80CBFF



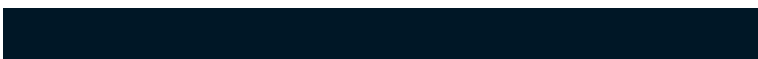
757ECA



5C6266



0062A6



001726



# Previews

## White Background



This preview shows how the Hex color CA9875 looks on a white background.

## Color Contrast Check

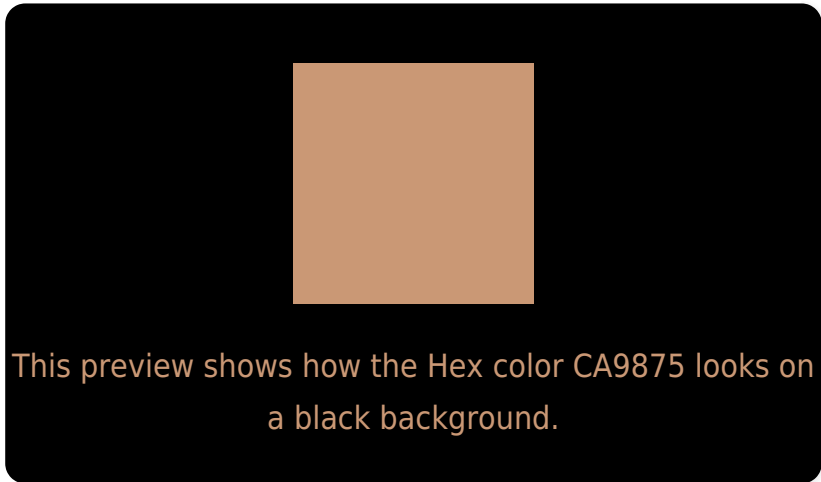
Large Text (above 18pt) WCAG AA × Fail

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

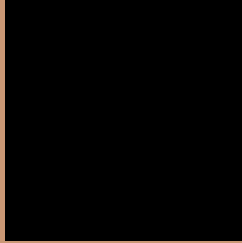
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA9875 Background



This preview shows how black text looks on a background with the Hex color CA9875.



This preview shows how white text looks on a background with the Hex color CA9875.

# 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**  
CA9875

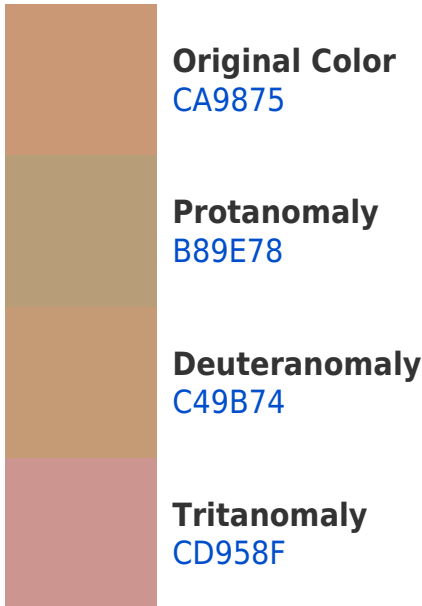
**Protanopia**  
AEA27A

**Deuteranopia**  
C19C74

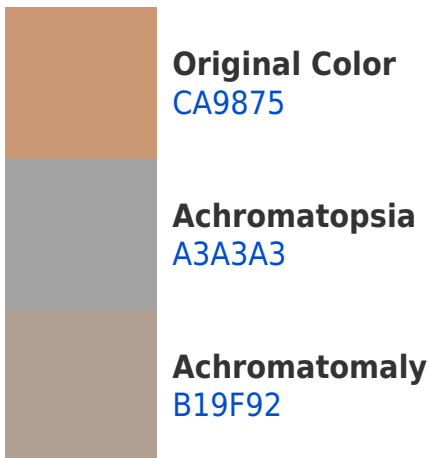


**Tritanopia**  
CE939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA9875 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 #CA9875 looks like.

```
.text, #text, p{  
    color:#CA9875  
}
```

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 #CA9875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9875  
}
```

## Border

The CSS property to change the border of an element to Hex CA9875 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  
#CA9875 }
```

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

```
.border{ border-color:#CA9875 }
```

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

Here you see how a box with a 4 pixel #CA9875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9875; -webkit-box-shadow:4px 4px  
4px 4px #CA9875; box-shadow:4px 4px 4px  
4px #CA9875 }
```

# Background

The CSS property to change the background color of an element to Hex CA9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9875 }
```

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

```
.background{ background-color:#CA9875 }
```

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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