

Converting Colors

Hex(CA9D3D)

Have a look what the booklet for
Hex(CA9D3D) contains.

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Color

Hex(CA9D3D)

Conversions

Conversions Part 1

Format	Color
Hex	CA9D3D
RGB	202, 157, 61
RGB Percent	79%, 62%, 24%
CMY	0.2078, 0.3843, 0.7608
CMYK	0.00, 0.22, 0.70, 0.21
HSL	41°, 57%, 52%
HSV	41°, 70%, 79%
XYZ	37.2564, 37.0074, 9.5944
YIQ	159.5110, 57.6360, -20.3160

Conversions

Conversions Part 2

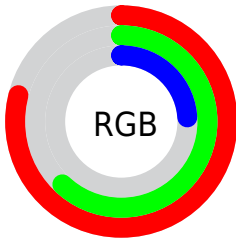
Format	Color
RYB	127, 202, 61
Decimal	13278525
CIELab	67.28, 6.95, 54.59
CIElCh	67, 55.032, 82.748
Yxy	37.0074, 0.4443, 0.4413
Android (android.graphics.Color)	4291468605 (0xFFCA9D3D)
YUV	159.5110, -48.5659, 37.2629
Hunter-Lab	60.8337, 2.8597, 33.2327

Details

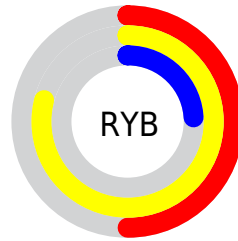
The Hex color **CA9D3D** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3D6ACA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD371**, and **906A00** is the 20% darker color. If you saturate the color by 10%, you get **CA9729**, and if you desaturate by 10%, it is **CAA351**.

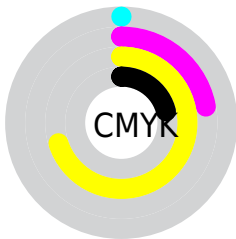
Distribution



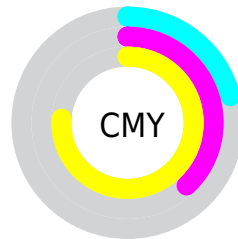
- Red (79%)
- Green (62%)
- Blue (24%)



- Red (50%)
- Yellow (79%)
- Blue (24%)



- Cyan (0%)
- Magenta (22%)
- Yellow (70%)
- Black (21%)



- Cyan (21%)
- Magenta (38%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA9D3D 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 CA9D3D by changing the saturation by 10% instead.



CA9D3D



CA9D3D

FFFFFF



AD8322



FFD371



906A00



FFF08C



745200



FFFFA7



583B00



FFFFC3



3E2600



FFFFE0



241200

FFFFFFD



000000



CA9D3D



CA9D3D



CA9729



CAA351

■ CA9015

■ CAAA65

■ CA8A00

■ CAB07A

■ CAB78E

■ CABDA2

■ CAC4B6

■ CACACA

■ CAD1DF

■ CAD7F3

Harmonies

Analogous

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



EE8A56



CA9D3D



9BAC43

Triad

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



CA9D3D



00BCC9



D587E0

Complementary

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



CA9D3D



3D6ACA

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.



929CFF



CA9D3D



00B8F2

Square

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



CA9D3D



00BC96



00ADFF



F879B2

Rectangle

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



CA9D3D



75B458



00ADFF



C28EED

Sweetspot

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



CA9D3D



FFEEC9



CA3D6C



807560



000000



808080

Same Dimension

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



CA9D3D



FFBB29



B3CA3D



66635C



A67100



261A00

Inverse Universe

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



3D6ACA



296DFF



543DCA



5C5F66



0035A6



000C26

Previews

White Background



This preview shows how the Hex color CA9D3D looks on a white background.

Color Contrast Check

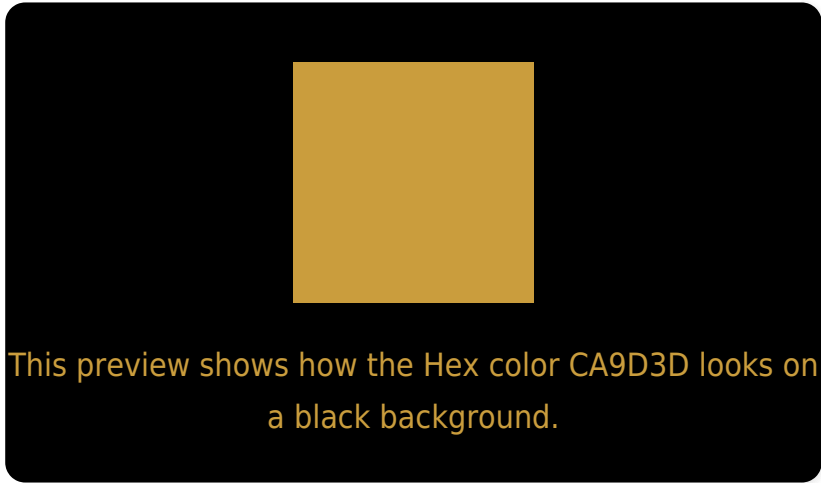
Large Text (above 18pt) WCAG AA × Fail

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 CA9D3D Background



This preview shows how black text looks on a background with the Hex color CA9D3D.

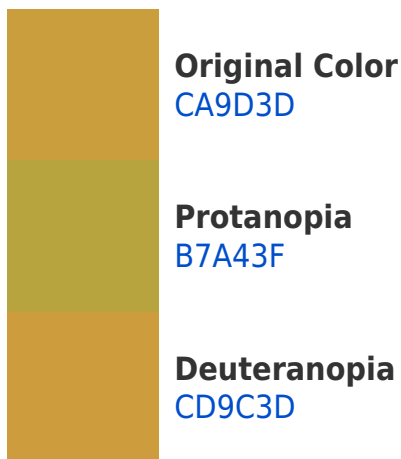



This preview shows how white text looks on a background with the Hex color CA9D3D.

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](#).

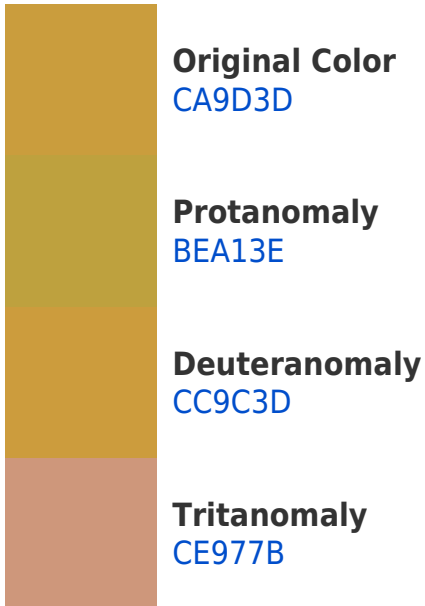
Dichromacy



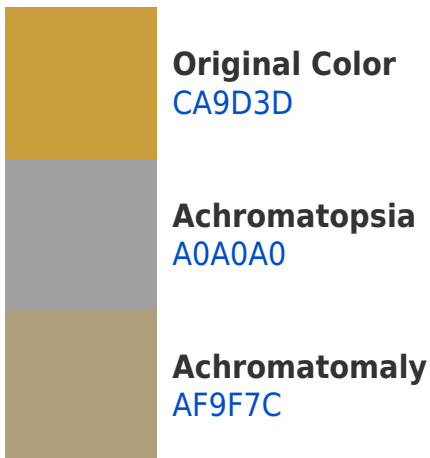


Tritanopia
D1939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA9D3D 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 #CA9D3D looks like.

```
.text, #text, p{  
    color:#CA9D3D  
}
```

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 #CA9D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9D3D
}
```

Border

The CSS property to change the border of an element to Hex CA9D3D 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
#CA9D3D }
```

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

```
.border{ border-color:#CA9D3D }
```

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

Here you see how a box with a 4 pixel #CA9D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9D3D; -webkit-box-shadow:4px 4px  
4px 4px #CA9D3D; box-shadow:4px 4px 4px  
4px #CA9D3D }
```

Background

The CSS property to change the background color of an element to Hex CA9D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9D3D }
```

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

```
.background{ background-color:#CA9D3D }
```

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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