

Converting Colors

Hex(CAA37E)

Have a look what the booklet for
Hex(CAA37E) contains.

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Color

Hex(CAA37E)

Conversions

Conversions Part 1

Format	Color
Hex	CAA37E
RGB	202, 163, 126
RGB Percent	79%, 64%, 49%
CMY	0.2078, 0.3608, 0.5059
CMYK	0.00, 0.19, 0.38, 0.21
HSL	29°, 42%, 64%
HSV	29°, 38%, 79%
XYZ	41.2202, 40.2573, 25.3366
YIQ	170.4430, 35.1210, -3.2390

Conversions

Conversions Part 2

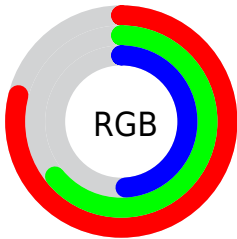
Format	Color
R _Y B	202, 198, 126
Decimal	13280126
CIE Lab	69.65, 9.27, 24.66
CIE LCh	70, 26.348, 69.389
Yxy	40.2573, 0.3859, 0.3769
Android (android.graphics.Color)	4291470206 (0xFFCAA37E)
YUV	170.4430, -21.9104, 27.6755
Hunter-Lab	63.4486, 4.9297, 20.7381

Details

The Hex color **CAA37E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7EA5CA**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDAB3**, and **926F4D** is the 20% darker color. If you saturate the color by 10%, you get **CA996A**, and if you desaturate by 10%, it is **CAAD92**.

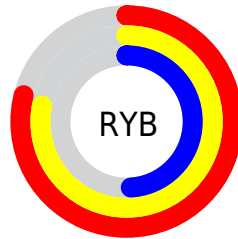
Distribution



Red (79%)

Green (64%)

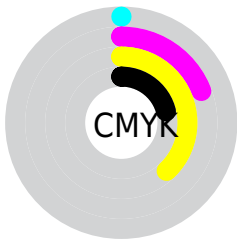
Blue (49%)



Red (79%)

Yellow (78%)

Blue (49%)

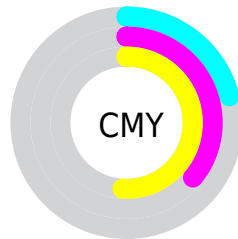


Cyan (0%)

Magenta (19%)

Yellow (38%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAA37E 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 CAA37E by changing the saturation by 10% instead.



CAA37E



CAA37E

FFFFFF



AE8965



FFDAB3



926F4D



FFF6CF



785735



FFFFEB



5E401F



452A09



2D1500



120000



000000



CAA37E



CAA37E

 CA996A

 CAAD92

 CA8E56

 CAB8A6

 CA8441

 CAC2BB

 CA7A2D

 CACCCF

 CA6F19

 CAD7E3

 CA6505

 CAE1F7

 CA6200

 CAECCF

 CAF6FF

 CAFFFF

Harmonies

Analogous

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



D89C8D



CAA37E



B4AB7B

Triad

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



CAA37E



68B8B1



B7A1CF

Complementary

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



CAA37E



7EA5CA

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.



97AAD9



CAA37E



63B6C8

Square

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



CAA37E



7EB699



76B1D6



CF9BBC

Rectangle

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



CAA37E



A2B080



76B1D6



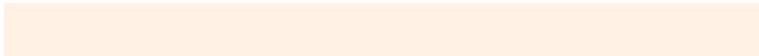
ADA4D4

Sweetspot

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



CAA37E



FFF1E3



CA7EA5



80776F



000000



808080

Same Dimension

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



CAA37E



FFC48C



CAC97E



66615C



A65100



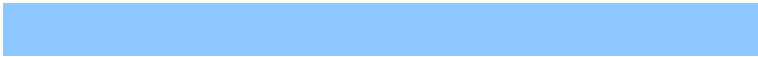
261300

Inverse Universe

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



7EA5CA



8CC7FF



7E7FCA



5C6166



0055A6



001426

Previews

White Background



This preview shows how the Hex color CAA37E looks on a white background.

Color Contrast Check

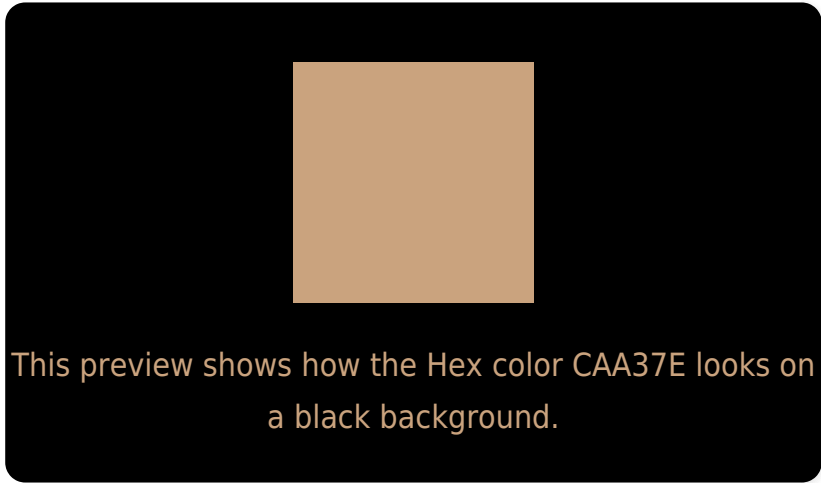
Large Text (above 18pt) WCAG AA × Fail

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 CAA37E Background



This preview shows how black text looks on a background with the Hex color CAA37E.

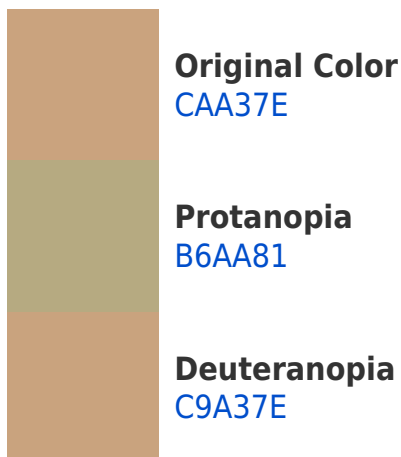


This preview shows how white text looks on a background with the Hex color CAA37E.

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](#).

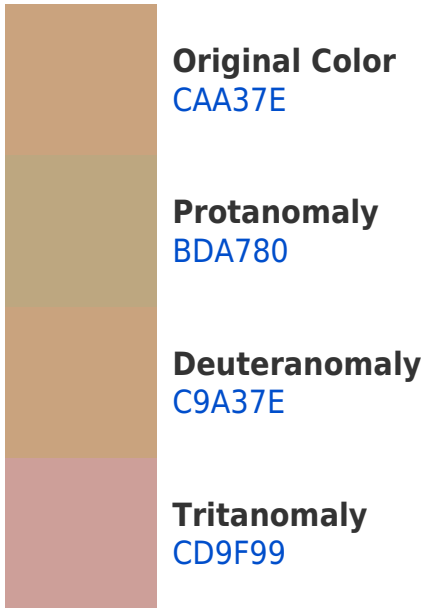
Dichromacy



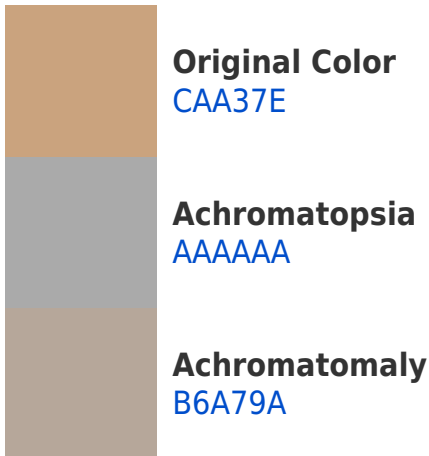


Tritanopia
CE9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAA37E 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 #CAA37E looks like.

```
.text, #text, p{  
    color:#CAA37E  
}
```

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 #CAA37E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA37E
}
```

Border

The CSS property to change the border of an element to Hex CAA37E 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
#CAA37E }
```

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

```
.border{ border-color:#CAA37E }
```

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

Here you see how a box with a 4 pixel #CAA37E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA37E; -webkit-box-shadow:4px 4px  
4px 4px #CAA37E; box-shadow:4px 4px 4px  
4px #CAA37E }
```

Background

The CSS property to change the background color of an element to Hex CAA37E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA37E }
```

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

```
.background{ background-color:#CAA37E }
```

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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