

Converting Colors

Hex(CAA755)

Have a look what the booklet for
Hex(CAA755) contains.

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Color

Hex(CAA755)

Conversions

Conversions Part 1

Format	Color
Hex	CAA755
RGB	202, 167, 85
RGB Percent	79%, 65%, 33%
CMY	0.2078, 0.3451, 0.6667
CMYK	0.00, 0.17, 0.58, 0.21
HSL	42°, 52%, 56%
HSV	42°, 58%, 79%
XYZ	39.8155, 40.8499, 14.3806
YIQ	168.1170, 47.1820, -18.0820

Conversions

Conversions Part 2

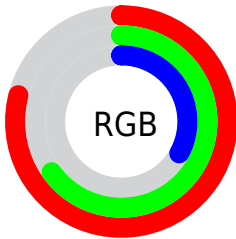
Format	Color
RYB	135, 202, 85
Decimal	13281109
CIELab	70.07, 3.12, 46.55
CIELCh	70, 46.650, 86.161
Yxy	40.8499, 0.4189, 0.4298
Android (android.graphics.Color)	4291471189 (0xFFCAA755)
YUV	168.1170, -40.9767, 29.7154
Hunter-Lab	63.9139, -0.6517, 31.3995

Details

The Hex color **CAA755** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5578CA**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFDE89**, and **917323** is the 20% darker color. If you saturate the color by 10%, you get **CAA141**, and if you desaturate by 10%, it is **CAAD69**.

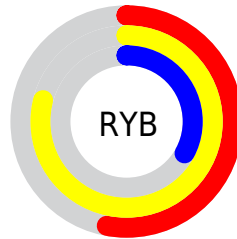
Distribution



Red (79%)

Green (65%)

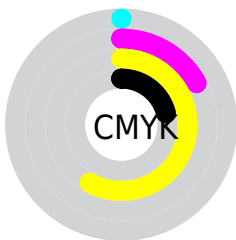
Blue (33%)



Red (53%)

Yellow (79%)

Blue (33%)

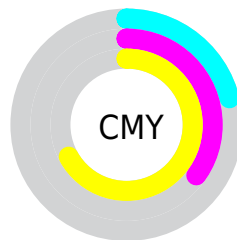


Cyan (0%)

Magenta (17%)

Yellow (58%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAA755 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 CAA755 by changing the saturation by 10% instead.



CAA755



CAA755

FFFFFF



AD8D3C



FFDE89



917323



FFFAA4



755B04



FFFFC0



5B4400



FFFFDC



412E00



FFFFF9



271900



090000



000000



CAA755



CAA755

■ CAA141

■ CAAD69

■ CA9B2D

■ CAB37D

■ CA9518

■ CAB992

■ CA8F04

■ CABFA6

■ CA8E00

■ CAC5BA

■ CACBCE

■ CAD1E2

■ CAD7F7

■ CADDFF

Harmonies

Analogous

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



EA9866



CAA755



A0B45D

Triad

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



CAA755



00C1CF



DB92DB

Complementary

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



CAA755



5578CA

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.



A7A2F7



CAA755



00BCF1

Square

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



CAA755



11C1A4



57B1FF



F789B2

Rectangle

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



CAA755



7FBA6F



57B1FF



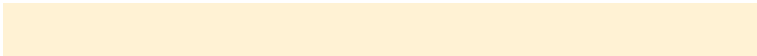
CC97E6

Sweetspot

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



CAA755



FFF2D4



CA5578



807866



000000



808080

Same Dimension

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



CAA755



FFCA4D



B3CA55



66635C



A67400



261B00

Inverse Universe

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



5578CA



4D82FF



6C55CA



5C5F66



0032A6



000B26

Previews

White Background



This preview shows how the Hex color CAA755 looks on a white background.

Color Contrast Check

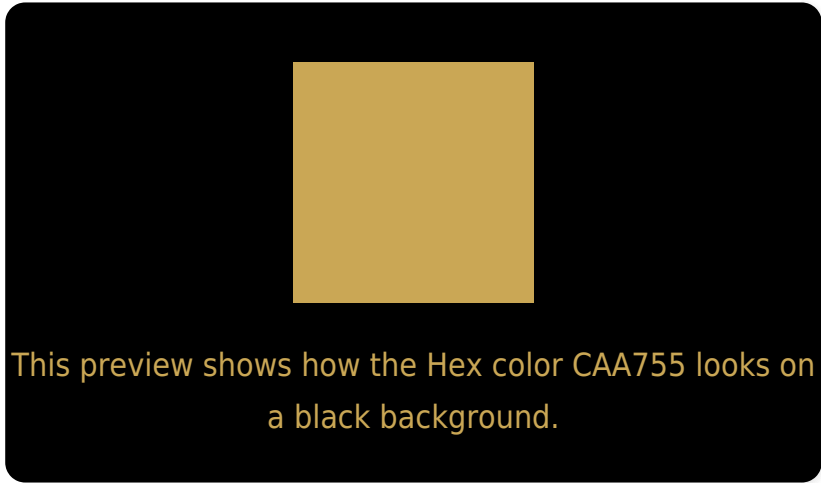
Large Text (above 18pt) WCAG AA × Fail

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 CAA755 Background



This preview shows how black text looks on a background with the Hex color CAA755.

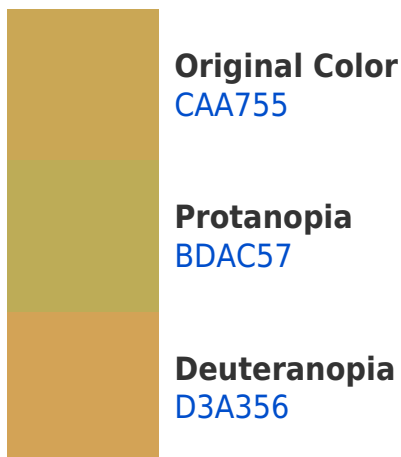


This preview shows how white text looks on a background with the Hex color CAA755.

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](#).

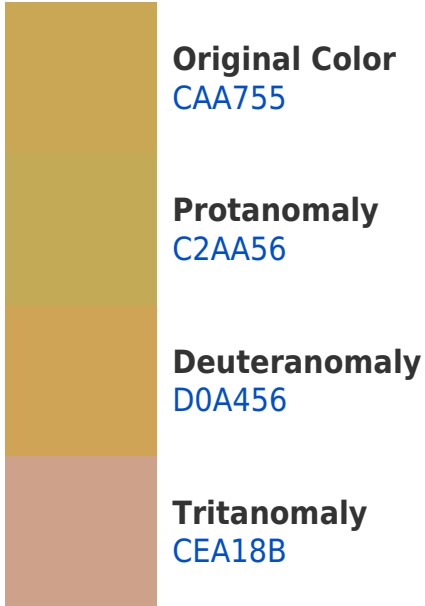
Dichromacy



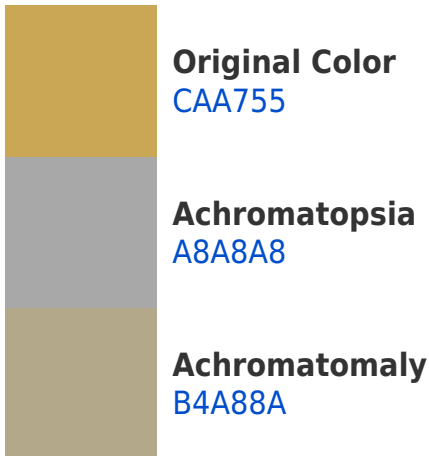


Tritanopia
D19EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAA755 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 #CAA755 looks like.

```
.text, #text, p{  
    color:#CAA755  
}
```

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 #CAA755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA755  
}
```

Border

The CSS property to change the border of an element to Hex CAA755 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  
#CAA755 }
```

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

```
.border{ border-color:#CAA755 }
```

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

Here you see how a box with a 4 pixel #CAA755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA755; -webkit-box-shadow:4px 4px  
4px 4px #CAA755; box-shadow:4px 4px 4px  
4px #CAA755 }
```

Background

The CSS property to change the background color of an element to Hex CAA755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA755 }
```

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

```
.background{ background-color:#CAA755 }
```

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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