

Converting Colors

Hex(CCA955)

Have a look what the booklet for
Hex(CCA955) contains.

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Color

Hex(CCA955)

Conversions

Conversions Part 1

Format	Color
Hex	CCA955
RGB	204, 169, 85
RGB Percent	80%, 66%, 33%
CMY	0.2000, 0.3373, 0.6667
CMYK	0.00, 0.17, 0.58, 0.20
HSL	42°, 54%, 57%
HSV	42°, 58%, 80%
XYZ	40.7295, 41.8692, 14.5292
YIQ	169.8890, 47.8240, -18.7040

Conversions

Conversions Part 2

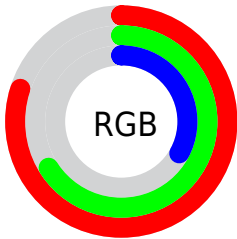
Format	Color
RYB	135, 204, 85
Decimal	13412693
CIELab	70.78, 2.90, 47.42
CIELCh	71, 47.509, 86.496
Yxy	41.8692, 0.4193, 0.4311
Android (android.graphics.Color)	4291602773 (0xFFCCA955)
YUV	169.8890, -41.8503, 29.9153
Hunter-Lab	64.7064, -0.8792, 31.9815

Details

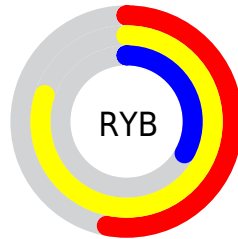
The Hex color **CCA955** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5578CC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE089**, and **937522** is the 20% darker color. If you saturate the color by 10%, you get **CCA341**, and if you desaturate by 10%, it is **CCAF69**.

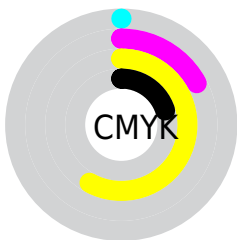
Distribution



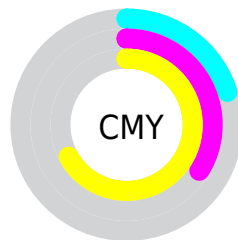
- Red (80%)
- Green (66%)
- Blue (33%)



- Red (53%)
- Yellow (80%)
- Blue (33%)



- Cyan (0%)
- Magenta (17%)
- Yellow (58%)
- Black (20%)



- Cyan (20%)
- Magenta (34%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA955 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 CCA955 by changing the saturation by 10% instead.



CCA955



CCA955

FFFFFF



AF8F3C



FFE089



937522



FFFDA4



775D03



FFFFC0



5C4500



FFFFDC



422F00



FFFFF9



291B00



0C0000



000000



CCA955



CCA955

■ CCA341

■ CCAF69

■ CC9D2C

■ CCB57E

■ CC9718

■ CCBB92

■ CC9103

■ CCC1A7

■ CC9000

■ CCC7BB

■ CCCDCF

■ CCD3E4

■ CCD9F8

■ CCDFFF

Harmonies

Analogous

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



ED9966



CCA955



A1B65D

Triad

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



CCA955



00C3D2



DE94DE

Complementary

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



CCA955



5578CC

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.



A9A4FB



CCA955



00BEF4

Square

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



CCA955



02C3A6



58B3FF



FB8AB4

Rectangle

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



CCA955



7FBC70



58B3FF



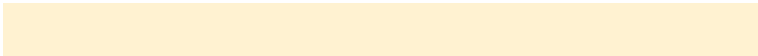
CF99E9

Sweetspot

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



CCA955



FFF2D1



CC5579



807763



000000



808080

Same Dimension

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



CCA955



FFCB4D



B4CC55



66635C



A67500



261B00

Inverse Universe

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



5578CC



4D81FF



6D55CC



5C5F66



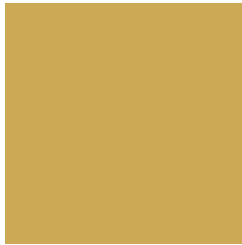
0031A6



000B26

Previews

White Background



This preview shows how the Hex color CCA955 looks on a white background.

Color Contrast Check

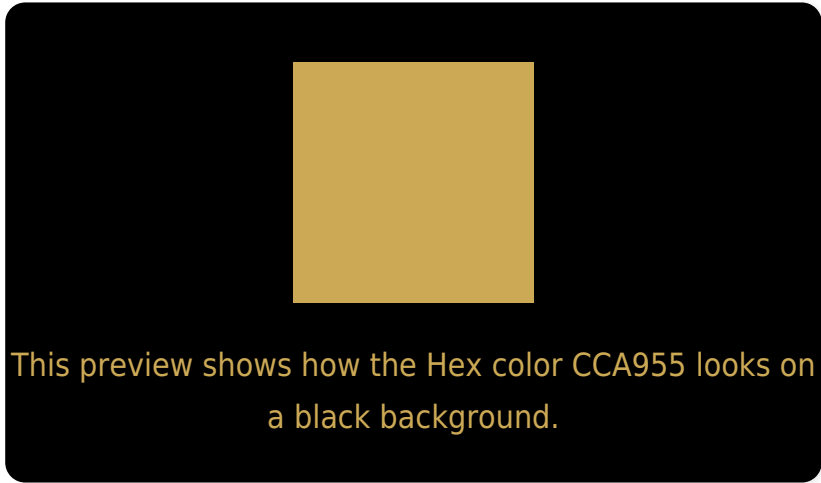
Large Text (above 18pt) WCAG AA × Fail

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

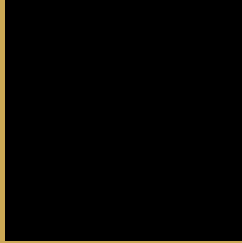
Any Text WCAG AA ✓ Pass

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 CCA955 Background



This preview shows how black text looks on a background with the Hex color CCA955.

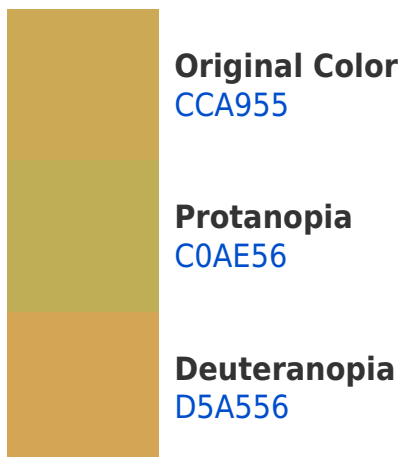


This preview shows how white text looks on a background with the Hex color CCA955.

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](#).

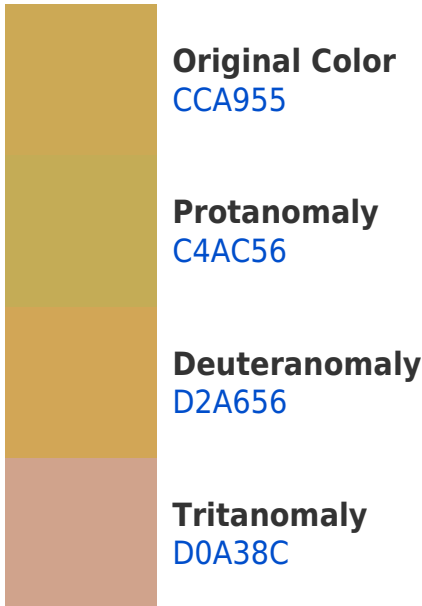
Dichromacy



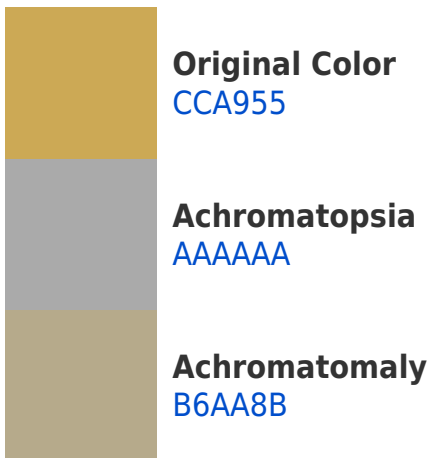


Tritanopia
D39FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA955 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 #CCA955 looks like.

```
.text, #text, p{  
    color:#CCA955  
}
```

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 #CCA955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA955
}
```

Border

The CSS property to change the border of an element to Hex CCA955 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
#CCA955 }
```

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

```
.border{ border-color:#CCA955 }
```

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

Here you see how a box with a 4 pixel #CCA955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA955; -webkit-box-shadow:4px 4px  
4px 4px #CCA955; box-shadow:4px 4px 4px  
4px #CCA955 }
```

Background

The CSS property to change the background color of an element to Hex CCA955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA955 }
```

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

```
.background{ background-color:#CCA955 }
```

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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