

Converting Colors

Hex(CAAA33)

Have a look what the booklet for
Hex(CAAA33) contains.

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Color

Hex(CAAA33)

Conversions

Conversions Part 1

Format	Color
Hex	CAAA33
RGB	202, 170, 51
RGB Percent	79%, 67%, 20%
CMY	0.2078, 0.3333, 0.8000
CMYK	0.00, 0.16, 0.75, 0.21
HSL	47°, 60%, 50%
HSV	47°, 75%, 79%
XYZ	39.3294, 41.5450, 9.0781
YIQ	166.0020, 57.2710, -30.2250

Conversions

Conversions Part 2

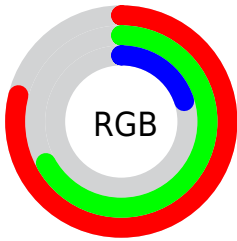
Format	Color
R_{YB}	92, 202, 51
Decimal	13281843
CIE Lab	70.56, -0.50, 61.86
CIE LCh	71, 61.864, 90.461
Yxy	41.5450, 0.4372, 0.4619
Android (android.graphics.Color)	4291471923 (0xFFCAA33)
YUV	166.0020, -56.6960, 31.5702
Hunter-Lab	64.4554, -3.8799, 36.7682

Details

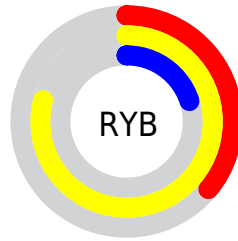
The Hex color **CAA33** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3353CA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFE16A**, and **907600** is the 20% darker color. If you saturate the color by 10%, you get **CAA61F**, and if you desaturate by 10%, it is **CAAE47**.

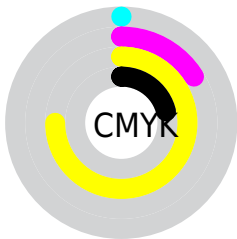
Distribution



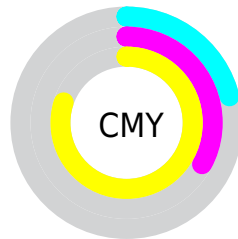
- Red (79%)
- Green (67%)
- Blue (20%)



- Red (36%)
- Yellow (79%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (75%)
- Black (21%)



- Cyan (21%)
- Magenta (33%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAAA33 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 CAAA33 by changing the saturation by 10% instead.

 CAAA33

 CAAA33

FFFFFF

 AD9012

 FFE16A

 907600

 FFFD85

 745E00

 FFFFA0

 584700

 FFFFBC

 3D3100

 FFFFD9

 241C00

 FFFFF6

 020200

 000000

 CAAA33

 CAAA33

■ CAA61F

■ CAAE47

■ CAA10B

■ CAB35B

■ CA9F00

■ CAB770

■ CABB84

■ CABF98

■ CAC4AC

■ CAC8C0

■ CACCD5

■ CAD1E9

Harmonies

Analogous

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



F6954A



CAAA33



91BA45

Triad

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



CAA33



007E4



F28E5

Complementary

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



CAA33



3353CA

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.



AF9DFF



CAAA33



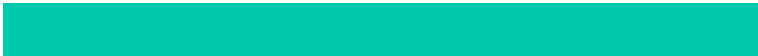
00C1FF

Square

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



CAA33



00C8AC



16B3FF



FF79AE

Rectangle

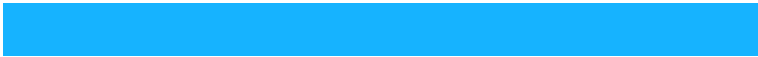
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAA33



61C161



16B3FF



E08DF5

Sweetspot

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



CAAA33



FFF3C7



CA3354



80785E



000000



808080

Same Dimension

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



CAAA33



FFCE19



9FCA33



66645C



A68300



261E00

Inverse Universe

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



3353CA



194AFF



5E33CA



5C5E66



0023A6



000826

Previews

White Background



This preview shows how the Hex color CAAA33 looks on a white background.

Color Contrast Check

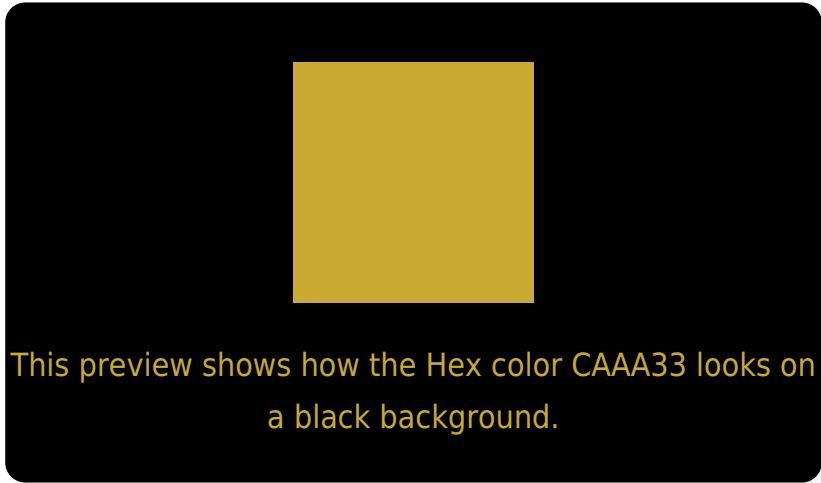
Large Text (above 18pt) WCAG AA × Fail

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 CAAA33 Background



This preview shows how black text looks on a background with the Hex color CAAA33.

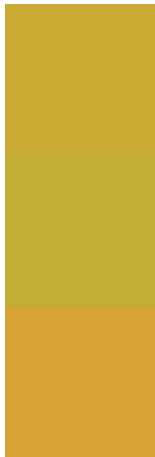


This preview shows how white text looks on a background with the Hex color CAAA33.

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
CAAA33

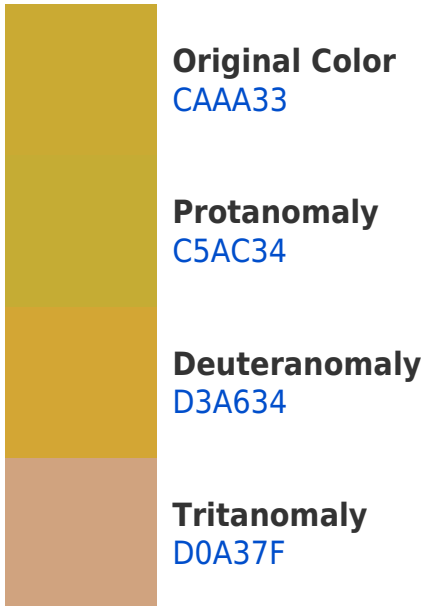
Protanopia
C2AD34

Deuteranopia
D8A435

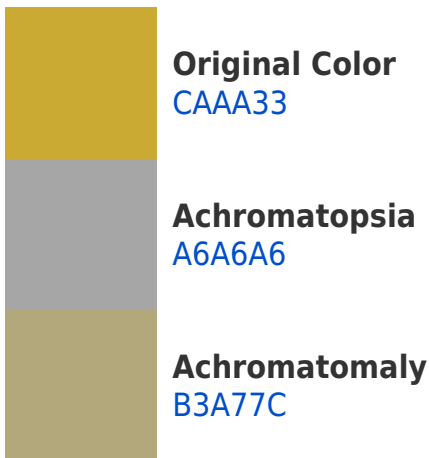


Tritanopia
D39FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAAA33 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 #CAAA33 looks like.

```
.text, #text, p{  
    color:#CAAA33  
}
```

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 #CAA33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA33  
}
```

Border

The CSS property to change the border of an element to Hex CAA33 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  
#CAA33 }
```

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

```
.border{ border-color:#CAA33 }
```

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

Here you see how a box with a 4 pixel #CAA33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA33; -webkit-box-shadow:4px 4px  
4px 4px #CAA33; box-shadow:4px 4px 4px  
4px #CAA33 }
```

Background

The CSS property to change the background color of an element to Hex CAAA33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA33 }
```

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

```
.background{ background-color:#CAA33 }
```

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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