

Converting Colors

Hex(CA933E)

Have a look what the booklet for
Hex(CA933E) contains.

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Color

Hex(CA933E)

Conversions

Conversions Part 1

Format	Color
Hex	CA933E
RGB	202, 147, 62
RGB Percent	79%, 58%, 24%
CMY	0.2078, 0.4235, 0.7569
CMYK	0.00, 0.27, 0.69, 0.21
HSL	36°, 57%, 52%
HSV	36°, 69%, 79%
XYZ	35.6603, 33.7718, 9.1965
YIQ	153.7550, 60.0650, -14.7750

Conversions

Conversions Part 2

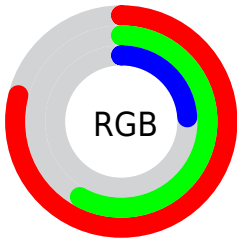
Format	Color
RYB	153, 202, 62
Decimal	13275966
CIELab	64.78, 12.43, 51.53
CIELCh	65, 53.004, 76.440
Yxy	33.7718, 0.4535, 0.4295
Android (android.graphics.Color)	4291466046 (0xFFCA933E)
YUV	153.7550, -45.2352, 42.3109
Hunter-Lab	58.1135, 7.8348, 31.2967

Details

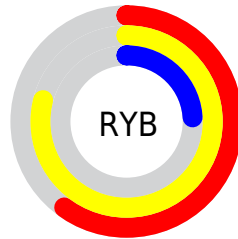
The Hex color **CA933E** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3E75CA**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFC972**, and **906104** is the 20% darker color. If you saturate the color by 10%, you get **CA8B2A**, and if you desaturate by 10%, it is **CA9B52**.

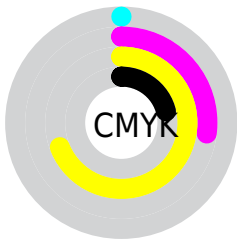
Distribution



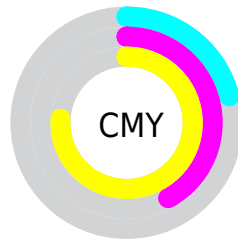
- Red (79%)
- Green (58%)
- Blue (24%)



- Red (60%)
- Yellow (79%)
- Blue (24%)



- Cyan (0%)
- Magenta (27%)
- Yellow (69%)
- Black (21%)



- Cyan (21%)
- Magenta (42%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA933E 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 CA933E by changing the saturation by 10% instead.

CA933E

CA933E

FFFFFF

AD7924

FFC972

906104

FFE58C

744900

FFFFA7

583200

FFFFC3

3D1D00

FFFFDF

240700

FFFFFD

000000

CA933E

CA933E

CA8B2A

CA9B52

■ CA8316

■ CAA366

■ CA7B01

■ CAAB7B

■ CA7B00

■ CAB38F

■ CABBA3

■ CAC3B7

■ CACBCB

■ CAD2E0

■ CADAF4

Harmonies

Analogous

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



E9815A



CA933E



9FA33D

Triad

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



CA933E



00B5B6



C186DF

Complementary

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



CA933E



3E75CA

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.



7A99F8



CA933E



00B1E1

Square

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



CA933E



00B385



00A8F9



E976B5

Rectangle

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



CA933E



7CAA4D



00A8F9



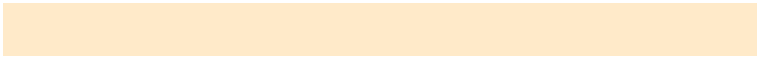
AE8CEA

Sweetspot

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



CA933E



FFEAC9



CA3E76



807360



000000



808080

Same Dimension

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



CA933E



FFAC2B



BCCA3E



66625C



A66500



261700

Inverse Universe

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



3E75CA



2B7EFF



4C3ECA



5C6066



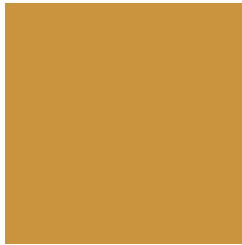
0041A6



000F26

Previews

White Background



This preview shows how the Hex color CA933E looks on a white background.

Color Contrast Check

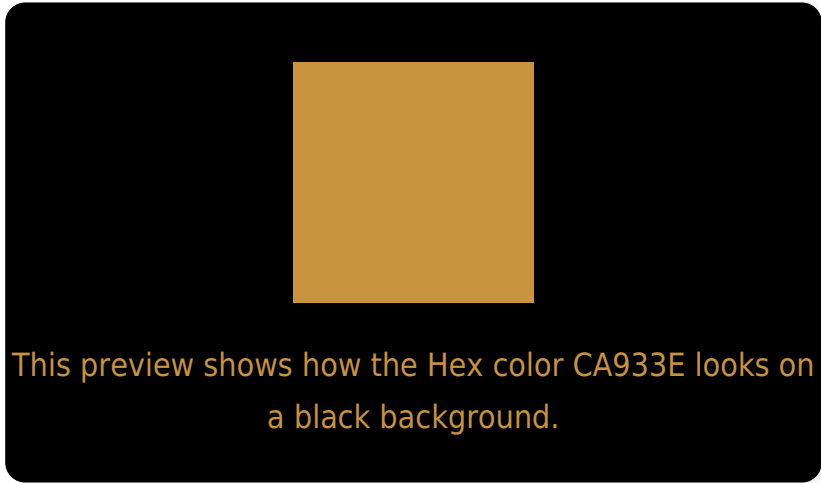
Large Text (above 18pt) WCAG AA × Fail

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

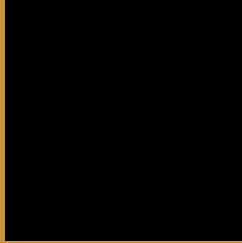
Any Text WCAG AA ✓ Pass

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 CA933E Background



This preview shows how black text looks on a background with the Hex color CA933E.

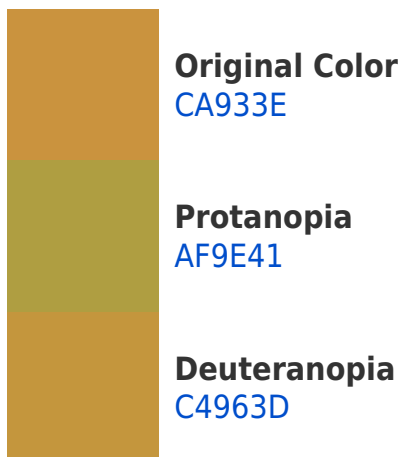



This preview shows how white text looks on a background with the Hex color CA933E.

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](#).

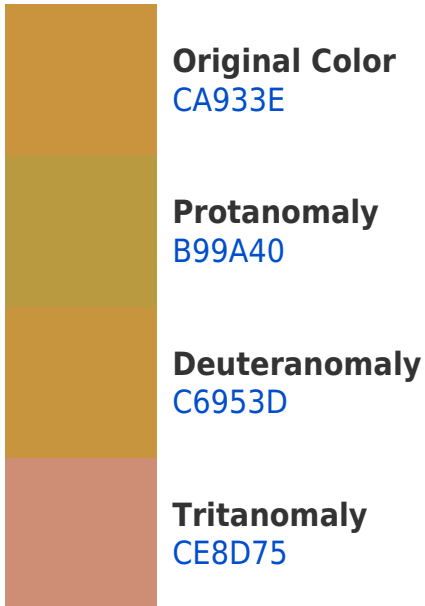
Dichromacy





Tritanopia
D08A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA933E 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 #CA933E looks like.

```
.text, #text, p{  
    color:#CA933E  
}
```

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 #CA933E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA933E
}
```

Border

The CSS property to change the border of an element to Hex CA933E 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
#CA933E }
```

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

```
.border{ border-color:#CA933E }
```

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

Here you see how a box with a 4 pixel #CA933E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA933E; -webkit-box-shadow:4px 4px  
4px 4px #CA933E; box-shadow:4px 4px 4px  
4px #CA933E }
```

Background

The CSS property to change the background color of an element to Hex CA933E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA933E }
```

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

```
.background{ background-color:#CA933E }
```

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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