

Converting Colors

Hex(CAA93E)

Have a look what the booklet for
Hex(CAA93E) contains.

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Color

Hex(CAA93E)

Conversions

Conversions Part 1

Format	Color
Hex	CAA93E
RGB	202, 169, 62
RGB Percent	79%, 66%, 24%
CMY	0.2078, 0.3373, 0.7569
CMYK	0.00, 0.16, 0.69, 0.21
HSL	46°, 57%, 52%
HSV	46°, 69%, 79%
XYZ	39.4146, 41.2803, 10.4479
YIQ	166.6690, 54.0150, -26.2810

Conversions

Conversions Part 2

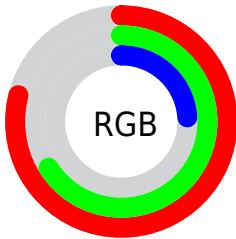
Format	Color
RYB	105, 202, 62
Decimal	13281598
CIELab	70.37, 0.57, 57.35
CIELCh	70, 57.357, 89.436
Yxy	41.2803, 0.4324, 0.4529
Android (android.graphics.Color)	4291471678 (0xFFCAA93E)
YUV	166.6690, -51.6018, 30.9853
Hunter-Lab	64.2497, -2.9346, 35.3334

Details

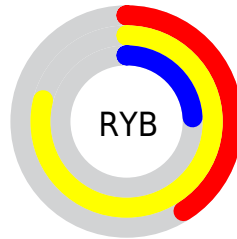
The Hex color **CAA93E** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3E5FCA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFE073**, and **907500** is the 20% darker color. If you saturate the color by 10%, you get **CAA42A**, and if you desaturate by 10%, it is **CAAE52**.

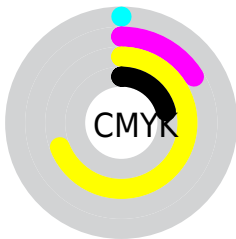
Distribution



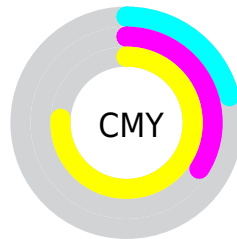
- Red (79%)
- Green (66%)
- Blue (24%)



- Red (41%)
- Yellow (79%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (69%)
- Black (21%)



- Cyan (21%)
- Magenta (34%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAA93E 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 CAA93E by changing the saturation by 10% instead.

CAA93E

CAA93E

FFFFFF

AD8F22

FFE073

907500

FFFC8E

745D00

FFFFAA

594600

FFFFC6

3E3000

FFFFE2

251B00

040100

000000

CAA93E

CAA93E

■ CAA42A

■ CAAE52

■ CA9F16

■ CAB366

■ CA9B01

■ CAB77B

■ CA9A00

■ CABC8F

■ CAC1A3

■ CAC6B7

■ CACACB

■ CACFE0

■ CAD4F4

Harmonies

Analogous

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



F39652



CAA93E



96B84C

Triad

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



CAA93E



00C5DE



EB8AE2

Complementary

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



CAA93E



3E5FCA

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.



AC9FFF



CAA93E



00BFFF

Square

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



CAA93E



00C6A9



35B2FF



FF7EAF

Rectangle

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



CAA93E



6BBF65



35B2FF



DA90F0

Sweetspot

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



CAA93E



FFF2C9



CA3E61



807860



000000



808080

Same Dimension

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



CAA93E



FFCD2B



A7CA3E



66645C



A67F00



261D00

Inverse Universe

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



3E5FCA



2B5DFF



613ECA



5C5E66



0027A6



000926

Previews

White Background



This preview shows how the Hex color CAA93E looks on a white background.

Color Contrast Check

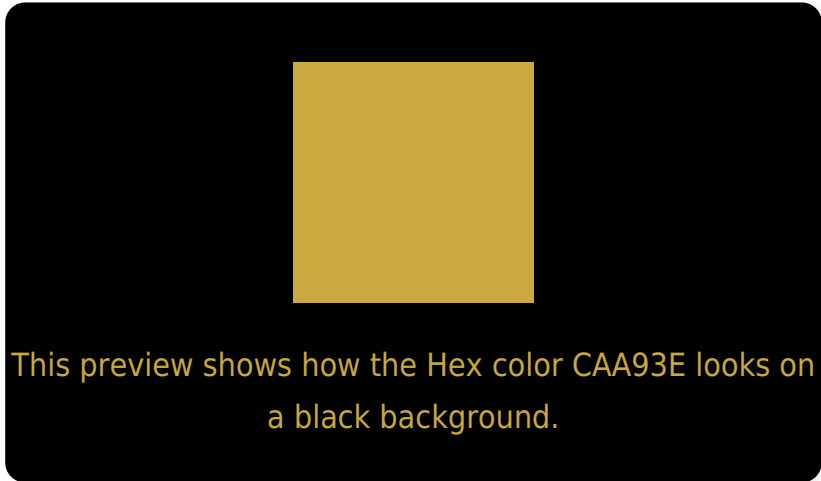
Large Text (above 18pt) WCAG AA × Fail

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 CAA93E Background



This preview shows how black text looks on a background with the Hex color CAA93E.

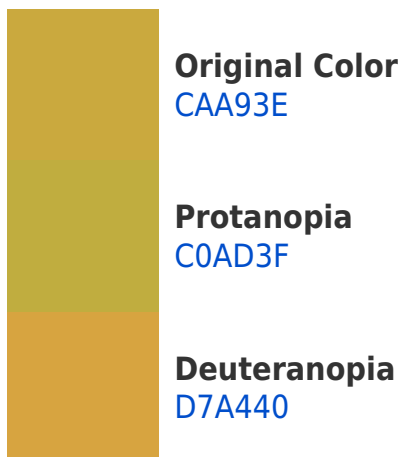


This preview shows how white text looks on a background with the Hex color CAA93E.

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](#).

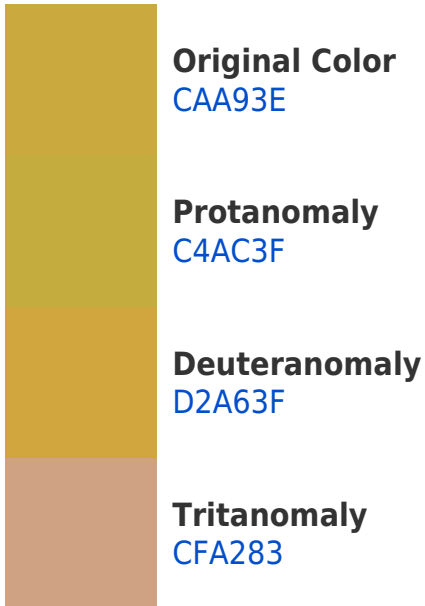
Dichromacy





Tritanopia
D29EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAA93E 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 #CAA93E looks like.

```
.text, #text, p{  
    color:#CAA93E  
}
```

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 #CAA93E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA93E
}
```

Border

The CSS property to change the border of an element to Hex CAA93E 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
#CAA93E }
```

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

```
.border{ border-color:#CAA93E }
```

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

Here you see how a box with a 4 pixel #CAA93E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA93E; -webkit-box-shadow:4px 4px  
4px 4px #CAA93E; box-shadow:4px 4px 4px  
4px #CAA93E }
```

Background

The CSS property to change the background color of an element to Hex CAA93E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA93E }
```

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

```
.background{ background-color:#CAA93E }
```

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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