

Converting Colors

Hex(C7AE3F)

Have a look what the booklet for
Hex(C7AE3F) contains.

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Color

Hex(C7AE3F)

Conversions

Conversions Part 1

Format	Color
Hex	C7AE3F
RGB	199, 174, 63
RGB Percent	78%, 68%, 25%
CMY	0.2196, 0.3176, 0.7529
CMYK	0.00, 0.13, 0.68, 0.22
HSL	49°, 55%, 51%
HSV	49°, 68%, 78%
XYZ	39.5864, 42.7731, 10.8722
YIQ	168.8210, 50.5310, -29.2210

Conversions

Conversions Part 2

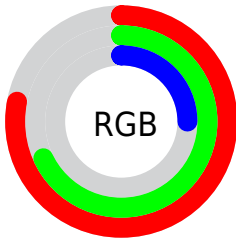
Format	Color
RYB	94, 199, 63
Decimal	13086271
CIELab	71.40, -3.33, 57.90
CIELCh	71, 58.000, 93.290
Yxy	42.7731, 0.4246, 0.4588
Android (android.graphics.Color)	4291276351 (0xFFC7AE3F)
YUV	168.8210, -52.1698, 26.4670
Hunter-Lab	65.4011, -6.4083, 35.9245

Details

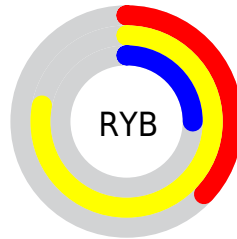
The Hex color **C7AE3F** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3F58C7**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFE574**, and **8E7A00** is the 20% darker color. If you saturate the color by 10%, you get **C7AA2B**, and if you desaturate by 10%, it is **C7B253**.

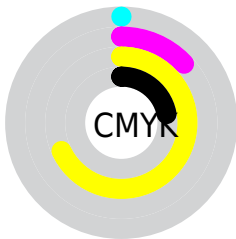
Distribution



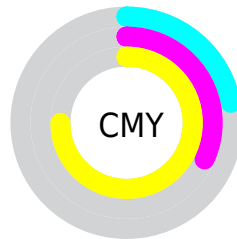
- Red (78%)
- Green (68%)
- Blue (25%)



- Red (37%)
- Yellow (78%)
- Blue (25%)



- Cyan (0%)
- Magenta (13%)
- Yellow (68%)
- Black (22%)



- Cyan (22%)
- Magenta (32%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7AE3F 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 C7AE3F by changing the saturation by 10% instead.

 C7AE3F

 C7AE3F

FFFFFF

 AA9423

 FFE574

 8E7A00

 FFFF8F

 726100

 FFFFAB

 574A00

 FFFFC7

 3C3400

 FFFFE4

 231F00

 000700

 000000

 C7AE3F

 C7AE3F

 C7AA2B

 C7B253

 C7A717

 C7B567

 C7A303

 C7B97B

 C7A200

 C7BD8F

 C7C0A3

 C7C4B6

 C7C8CA

 C7CBDE

 C7CFF2

Harmonies

Analogous

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



F29B50



C7AE3F



90BD52

Triad

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



C7AE3F



00C8E7



F48ADF

Complementary

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



C7AE3F



3F58C7

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.



B99FFF



C7AE3F



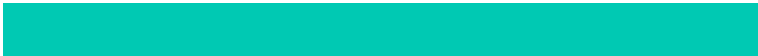
00C1FF

Square

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



C7AE3F



00C9B3



50B3FF



FF80AB

Rectangle

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



C7AE3F



63C36D



50B3FF



E490EF

Sweetspot

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



C7AE3F



FFF5C9



C73F5A



807A60



000000



808080

Same Dimension

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



C7AE3F



FFD92E



9EC73F



63625A



A38500



241D00

Inverse Universe

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



3F58C7



2E54FF



683FC7



5A5B63



001EA3



000724

Previews

White Background



This preview shows how the Hex color C7AE3F looks on a white background.

Color Contrast Check

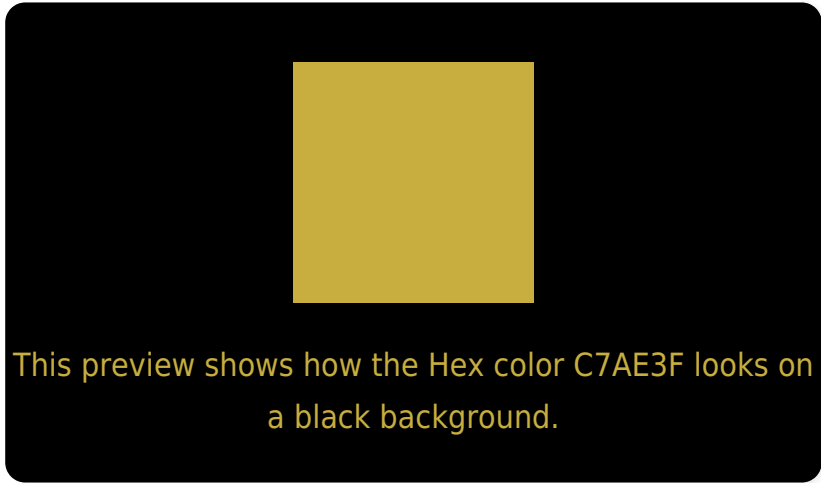
Large Text (above 18pt) WCAG AA × Fail

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 C7AE3F Background



This preview shows how black text looks on a background with the Hex color C7AE3F.



This preview shows how white text looks on a background with the Hex color C7AE3F.

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
C7AE3F

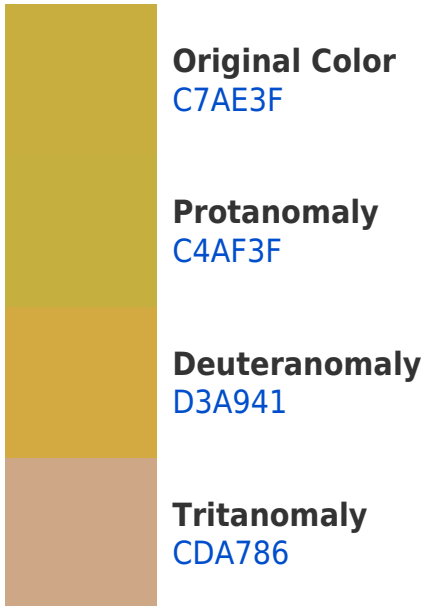
Protanopia
C3AF3F

Deuteranopia
DAA642



Tritanopia
D0A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7AE3F 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 #C7AE3F looks like.

```
.text, #text, p{  
    color:#C7AE3F  
}
```

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 #C7AE3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7AE3F
}
```

Border

The CSS property to change the border of an element to Hex C7AE3F 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
#C7AE3F }
```

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

```
.border{ border-color:#C7AE3F }
```

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

Here you see how a box with a 4 pixel #C7AE3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7AE3F; -webkit-box-shadow:4px 4px  
4px 4px #C7AE3F; box-shadow:4px 4px 4px  
4px #C7AE3F }
```

Background

The CSS property to change the background color of an element to Hex C7AE3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7AE3F }
```

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

```
.background{ background-color:#C7AE3F }
```

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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