

Converting Colors

Hex(C7A44E)

Have a look what the booklet for
Hex(C7A44E) contains.

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Color

Hex(C7A44E)

Conversions

Conversions Part 1

Format	Color
Hex	C7A44E
RGB	199, 164, 78
RGB Percent	78%, 64%, 31%
CMY	0.2196, 0.3569, 0.6941
CMYK	0.00, 0.18, 0.61, 0.22
HSL	43°, 52%, 54%
HSV	43°, 61%, 78%
XYZ	38.2038, 39.2431, 12.7688
YIQ	164.6610, 48.4660, -19.3260

Conversions

Conversions Part 2

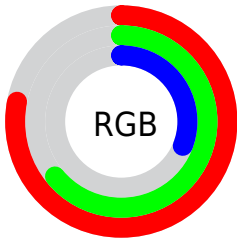
Format	Color
RYB	127, 199, 78
Decimal	13083726
CIELab	68.93, 2.94, 48.53
CIELCh	69, 48.620, 86.539
Yxy	39.2431, 0.4235, 0.4350
Android (android.graphics.Color)	4291273806 (0xFFC7A44E)
YUV	164.6610, -42.7239, 30.1153
Hunter-Lab	62.6443, -0.7688, 31.7659

Details

The Hex color **C7A44E** 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 **4E71C7**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFDB82**, and **8E711A** is the 20% darker color. If you saturate the color by 10%, you get **C79E3A**, and if you desaturate by 10%, it is **C7AA62**.

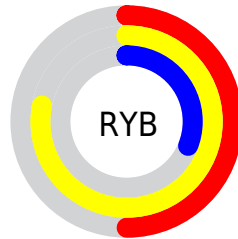
Distribution



Red (78%)

Green (64%)

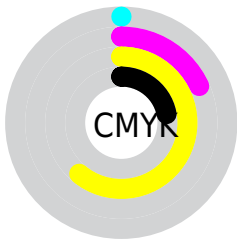
Blue (31%)



Red (50%)

Yellow (78%)

Blue (31%)

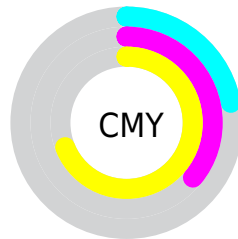


Cyan (0%)

Magenta (18%)

Yellow (61%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7A44E 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 C7A44E by changing the saturation by 10% instead.

 C7A44E

 C7A44E

FFFFFF

 AA8A35

 FFDB82

 8E711A

 FFF79D

 725800

 FFFFFB8

 584100

 FFFFFD4

 3D2B00

 FFFFFFF1

 241700

 000000

 C7A44E

 C7A44E

 C79E3A

 C7AA62

 C79826

 C7B076

 C79312

 C7B58A

 C78D00

 C7BB9E

 C7C1B2

 C7C7C5

 C7CCD9

 C7D2ED

 C7D8FF

Harmonies

Analogous

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



E89460



C7A44E



9BB156

Triad

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



C7A44E



00BECE



DA8ED9

Complementary

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



C7A44E



4E71C7

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.



A49FF7



C7A44E



00B9F1

Square

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



C7A44E



00BEA1



4DAEFF



F784AF

Rectangle

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



C7A44E



79B86A



4DAEFF



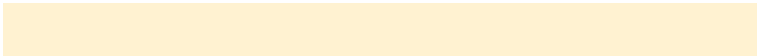
CB93E5

Sweetspot

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



C7A44E



FFF2D1



C74E72



807763



000000



808080

Same Dimension

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



C7A44E



FFC945



AFC74E



63615A



A37400



241900

Inverse Universe

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



4E71C7



457BFF



664EC7



5A5C63



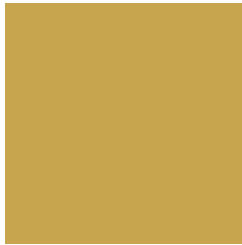
002FA3



000A24

Previews

White Background



This preview shows how the Hex color C7A44E looks on a white background.

Color Contrast Check

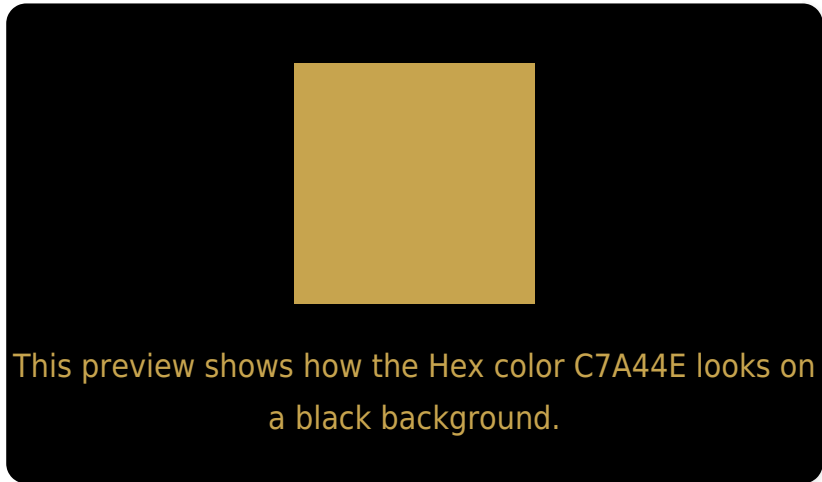
Large Text (above 18pt) WCAG AA × Fail

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 C7A44E Background



This preview shows how black text looks on a background with the Hex color C7A44E.



This preview shows how white text looks on a background with the Hex color C7A44E.

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
C7A44E

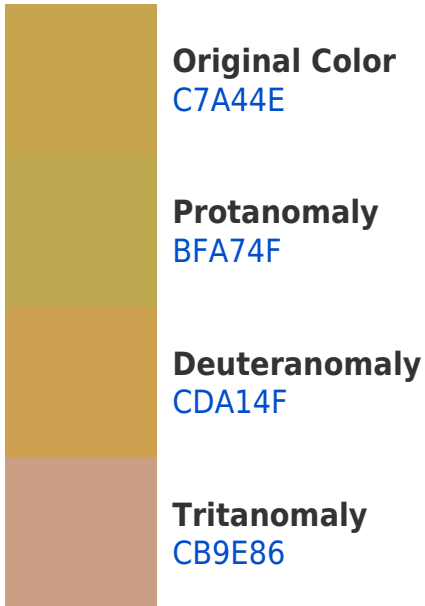
Protanopia
BBA94F

Deuteranopia
D0A04F

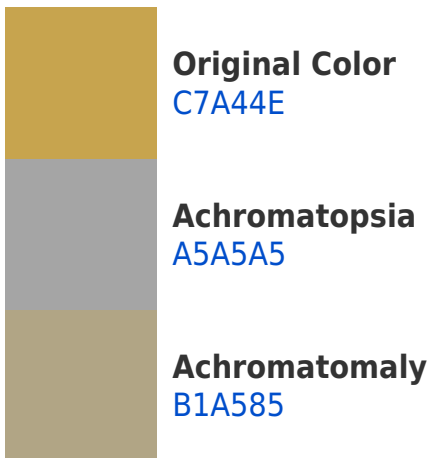


Tritanopia
CE9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7A44E 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 #C7A44E looks like.

```
.text, #text, p{  
    color:#C7A44E  
}
```

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 #C7A44E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A44E
}
```

Border

The CSS property to change the border of an element to Hex C7A44E 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
#C7A44E }
```

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

```
.border{ border-color:#C7A44E }
```

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

Here you see how a box with a 4 pixel #C7A44E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A44E; -webkit-box-shadow:4px 4px  
4px 4px #C7A44E; box-shadow:4px 4px 4px  
4px #C7A44E }
```

Background

The CSS property to change the background color of an element to Hex C7A44E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A44E }
```

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

```
.background{ background-color:#C7A44E }
```

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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