

Converting Colors

Hex(CA7E48)

Have a look what the booklet for
Hex(CA7E48) contains.

Hex(CA7E48)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CA7E48)

Conversions

Conversions Part 1

Format	Color
Hex	CA7E48
RGB	202, 126, 72
RGB Percent	79%, 49%, 28%
CMY	0.2078, 0.5059, 0.7176
CMYK	0.00, 0.38, 0.64, 0.21
HSL	25°, 55%, 54%
HSV	25°, 64%, 79%
XYZ	32.9877, 27.9461, 9.7864
YIQ	142.5680, 62.6300, -0.6820

Conversions

Conversions Part 2

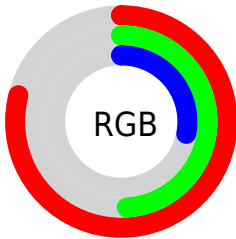
Format	Color
R _Y B	202, 164, 72
Decimal	13270600
CIE Lab	59.84, 24.48, 41.17
CIE LCh	60, 47.899, 59.263
Yxy	27.9461, 0.4665, 0.3952
Android (android.graphics.Color)	4291460680 (0xFFCA7E48)
YUV	142.5680, -34.7900, 52.1219
Hunter-Lab	52.8641, 18.8734, 26.0289

Details

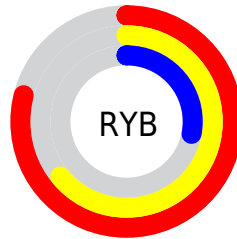
The Hex color **CA7E48** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4894CA**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB37A**, and **8F4C18** is the 20% darker color. If you saturate the color by 10%, you get **CA7234**, and if you desaturate by 10%, it is **CA8A5C**.

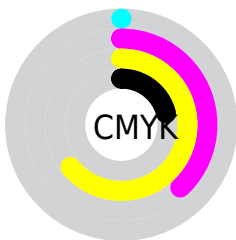
Distribution



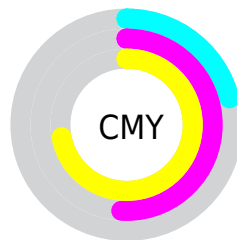
- Red (79%)
- Green (49%)
- Blue (28%)



- Red (79%)
- Yellow (64%)
- Blue (28%)



- Cyan (0%)
- Magenta (38%)
- Yellow (64%)
- Black (21%)



- Cyan (21%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA7E48 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 CA7E48 by changing the saturation by 10% instead.

 CA7E48

 CA7E48

FFFFFF

 AC6530

 FF37A

 8F4C18

 FFCF94

 733500

 FFEBAF

 571E00

 FFFF00

 3C0700

 FFFF00

 250001

 000000

 CA7E48

 CA7E48

 CA7234

 CA8A5C

CA6620

CA9670

CA5B0B

CAA185

CA5400

CAAD99

CAB9AD

CAC5C1

CAD1D5

CADCEA

CAE8FE

Harmonies

Analogous

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



DD7069



CA7E48



A98E38

Triad

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



CA7E48



00A58E



9186DA

Complementary

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



CA7E48



4894CA

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.



3895E4



CA7E48



00A5B8

Square

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



CA7E48



47A263



00A0D8



C375BC

Rectangle

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



CA7E48



8E963C



00A0D8



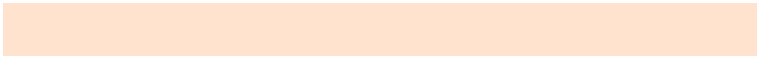
798BE0

Sweetspot

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



CA7E48



FFE3CF



CA4896



806E62



000000



808080

Same Dimension

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



CA7E48



FF8C3B



CABD48



66605C



A64500



261000

Inverse Universe

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



4894CA



3BADFF



4855CA



5C6266



0061A6



001626

Previews

White Background



This preview shows how the Hex color CA7E48 looks on a white background.

Color Contrast Check

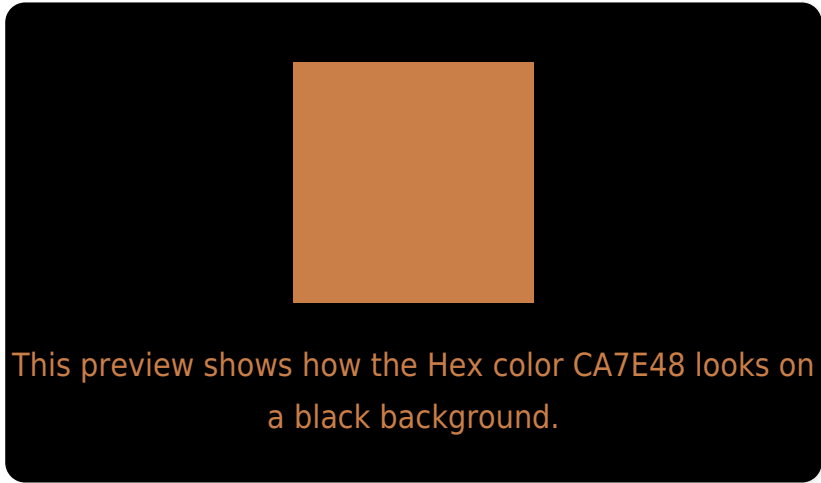
Large Text (above 18pt) WCAG AA ✓ Pass

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

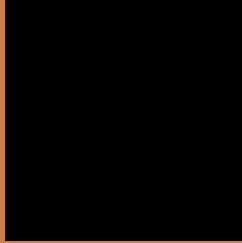
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CA7E48 Background



This preview shows how black text looks on a background with the Hex color CA7E48.



This preview shows how white text looks on a background with the Hex color CA7E48.

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
CA7E48

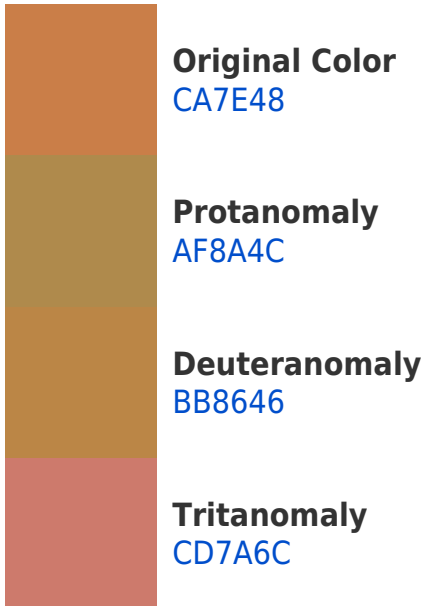
Protanopia
9F914E

Deuteranopia
B28A45



Tritanopia
CE7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA7E48 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 #CA7E48 looks like.

```
.text, #text, p{  
    color:#CA7E48  
}
```

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 #CA7E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA7E48  
}
```

Border

The CSS property to change the border of an element to Hex CA7E48 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  
#CA7E48 }
```

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

```
.border{ border-color:#CA7E48 }
```

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

Here you see how a box with a 4 pixel #CA7E48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA7E48; -webkit-box-shadow:4px 4px  
4px 4px #CA7E48; box-shadow:4px 4px 4px  
4px #CA7E48 }
```

Background

The CSS property to change the background color of an element to Hex CA7E48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA7E48 }
```

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

```
.background{ background-color:#CA7E48 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor