

Converting Colors

Hex(C78E5A)

Have a look what the booklet for
Hex(C78E5A) contains.

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Color

Hex(C78E5A)

Conversions

Conversions Part 1

Format	Color
Hex	C78E5A
RGB	199, 142, 90
RGB Percent	78%, 56%, 35%
CMY	0.2196, 0.4431, 0.6471
CMYK	0.00, 0.29, 0.55, 0.22
HSL	29°, 49%, 57%
HSV	29°, 55%, 78%
XYZ	35.0717, 32.2263, 14.0447
YIQ	153.1150, 50.6640, -4.0880

Conversions

Conversions Part 2

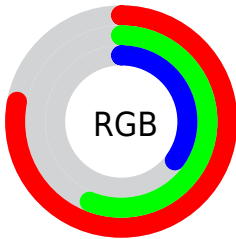
Format	Color
RYB	199, 189, 90
Decimal	13078106
CIELab	63.53, 15.83, 36.07
CIELCh	64, 39.387, 66.307
Yxy	32.2263, 0.4312, 0.3962
Android (android.graphics.Color)	4291268186 (0xFFC78E5A)
YUV	153.1150, -31.1157, 40.2411
Hunter-Lab	56.7682, 10.9337, 25.0692

Details

The Hex color **C78E5A** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5A93C7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC48D**, and **8E5C2A** is the 20% darker color. If you saturate the color by 10%, you get **C78446**, and if you desaturate by 10%, it is **C7986E**.

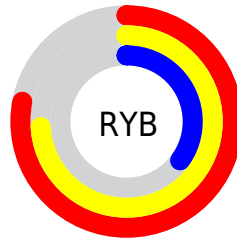
Distribution



Red (78%)

Green (56%)

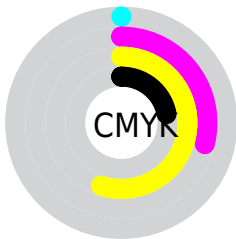
Blue (35%)



Red (78%)

Yellow (74%)

Blue (35%)

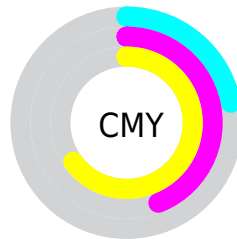


Cyan (0%)

Magenta (29%)

Yellow (55%)

Black (22%)



Cyan (22%)

Magenta (44%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color C78E5A 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 C78E5A by changing the saturation by 10% instead.

 C78E5A

 C78E5A

FFFFFF

 AA7442

 FFC48D

 8E5C2A

 FFE0A8

 724413

 FFFCC3

 582E00

 FFFFFD

 3D1800

 FFFFFC

 250000

 000000

 C78E5A

 C78E5A

 C78446

 C7986E

 C77932

 C7A382

 C76F1E

 C7AD96

 C7640A

 C7B8AA

 C75F00

 C7C2BE

 C7CCD1

 C7D7E5

 C7E1F9

 C7ECFF

Harmonies

Analogous

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



DA8372



C78E5A



A99A53

Triad

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



C78E5A



08ACA0



A78ED2

Complementary

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



C78E5A



5A93C7

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.



719BDF



C78E5A



00ABC2

Square

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



C78E5A



57AA7C



1FA5D9



CC82B7

Rectangle

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



C78E5A



91A159



1FA5D9



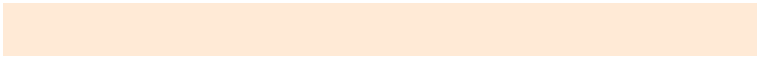
9792D9

Sweetspot

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



C78E5A



FFEAD6



C75A94



807367



000000



808080

Same Dimension

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



C78E5A



FFA757



C7C35A



635E5A



A34E00



241100

Inverse Universe

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



5A93C7



57AFFF



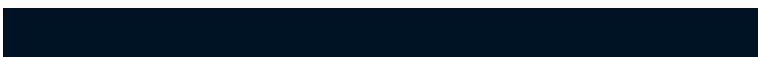
5A5EC7



5A5F63



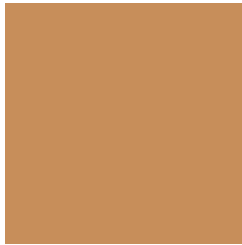
0055A3



001324

Previews

White Background



This preview shows how the Hex color C78E5A looks on a white background.

Color Contrast Check

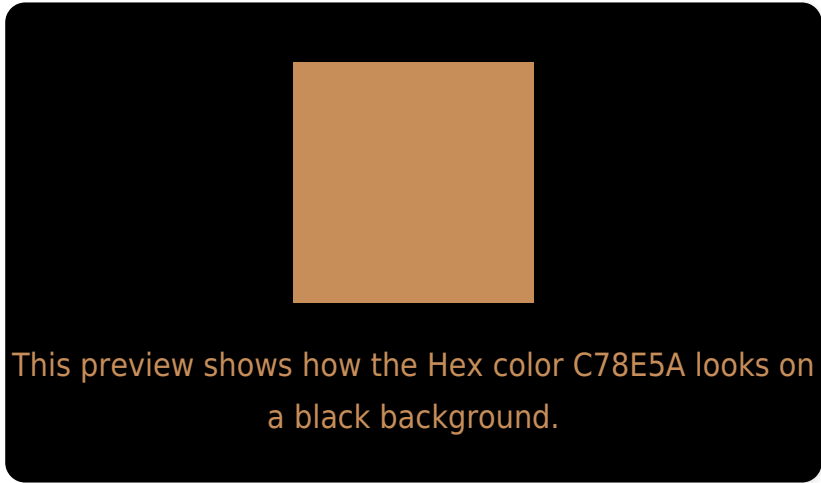
Large Text (above 18pt) WCAG AA × Fail

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

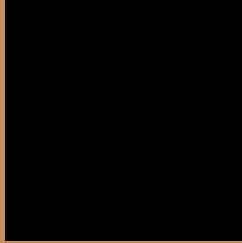
Any Text WCAG AA ✓ Pass

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 C78E5A Background



This preview shows how black text looks on a background with the Hex color C78E5A.



This preview shows how white text looks on a background with the Hex color C78E5A.

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
C78E5A

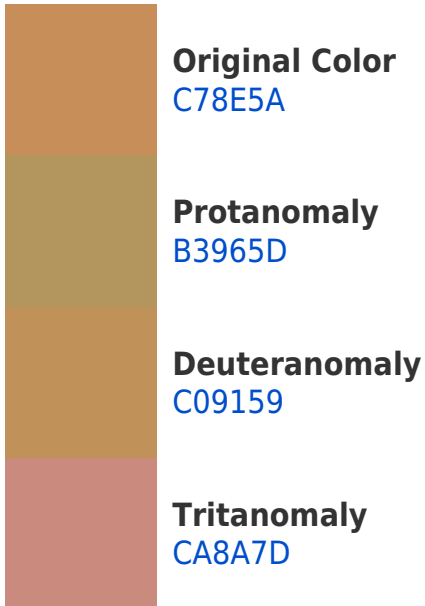
Protanopia
A89A5F

Deuteranopia
BC9359

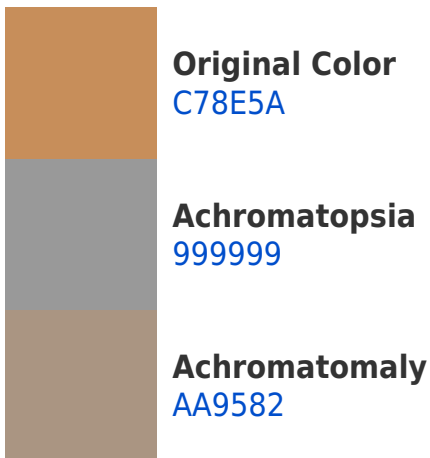


Tritanopia
CB8791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C78E5A 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 #C78E5A looks like.

```
.text, #text, p{  
    color:#C78E5A  
}
```

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 #C78E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78E5A
}
```

Border

The CSS property to change the border of an element to Hex C78E5A 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
#C78E5A }
```

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

```
.border{ border-color:#C78E5A }
```

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

Here you see how a box with a 4 pixel #C78E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78E5A; -webkit-box-shadow:4px 4px  
4px 4px #C78E5A; box-shadow:4px 4px 4px  
4px #C78E5A }
```

Background

The CSS property to change the background color of an element to Hex C78E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78E5A }
```

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

```
.background{ background-color:#C78E5A }
```

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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