

Converting Colors

Hex(C78B5E)

Have a look what the booklet for
Hex(C78B5E) contains.

Hex(C78B5E)	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(C78B5E)

Conversions

Conversions Part 1

Format	Color
Hex	C78B5E
RGB	199, 139, 94
RGB Percent	78%, 55%, 37%
CMY	0.2196, 0.4549, 0.6314
CMYK	0.00, 0.30, 0.53, 0.22
HSL	26°, 48%, 57%
HSV	26°, 53%, 78%
XYZ	34.8062, 31.4155, 14.8190
YIQ	151.8100, 50.2050, -1.2750

Conversions

Conversions Part 2

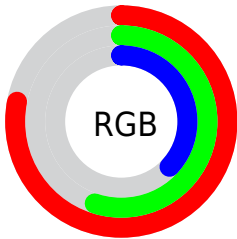
Format	Color
RYB	199, 173, 94
Decimal	13077342
CIELab	62.86, 17.82, 33.08
CIElCh	63, 37.577, 61.692
Yxy	31.4155, 0.4295, 0.3877
Android (android.graphics.Color)	4291267422 (0xFFC78B5E)
YUV	151.8100, -28.5003, 41.3856
Hunter-Lab	56.0495, 12.7600, 23.5589

Details

The Hex color **C78B5E** 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 **5E9AC7**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFC191**, and **8E592E** is the 20% darker color. If you saturate the color by 10%, you get **C7804A**, and if you desaturate by 10%, it is **C79672**.

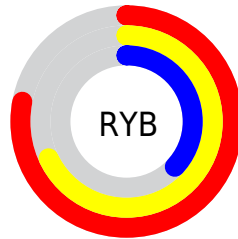
Distribution



Red (78%)

Green (55%)

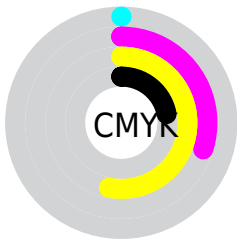
Blue (37%)



Red (78%)

Yellow (68%)

Blue (37%)

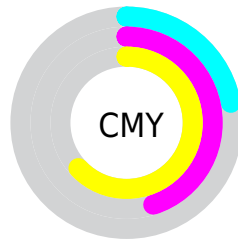


Cyan (0%)

Magenta (30%)

Yellow (53%)

Black (22%)



Cyan (22%)

Magenta (45%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color C78B5E 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 C78B5E by changing the saturation by 10% instead.

 C78B5E

 C78B5E

FFFFFF

 AA7146

 FFC191

 8E592E

 FFDDAC

 724118

 FFF9C7

 582B00

 FFFFFE4

 3D1500

 260000

 000000

 C78B5E

 C78B5E

 C7804A

 C79672

 C77436

 C7A286

 C76922

 C7AD9A

 C75E0E

 C7B8AE

 C75500

 C7C4C2

 C7CFD5

 C7DBE9

 C7E6FD

 C7F1FF

Harmonies

Analogous

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



D78177



C78B5E



AC9754

Triad

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



C78B5E



2AAA99



9E8FD1

Complementary

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



C78B5E



5E9AC7

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.



689BDA



C78B5E



00A9BA

Square

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



C78B5E



60A777



1DA4D2



C483B8

Rectangle

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



C78B5E



959E59



1DA4D2



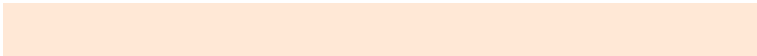
8E93D6

Sweetspot

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



C78B5E



FFE8D6



C75E9B



807267



000000



808080

Same Dimension

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



C78B5E



FFA35E



C7BE5E



635E5A



A34600



240F00

Inverse Universe

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



5E9AC7



5EBAFF



5E67C7



5A5F63



005DA3



001424

Previews

White Background



This preview shows how the Hex color C78B5E looks on a white background.

Color Contrast Check

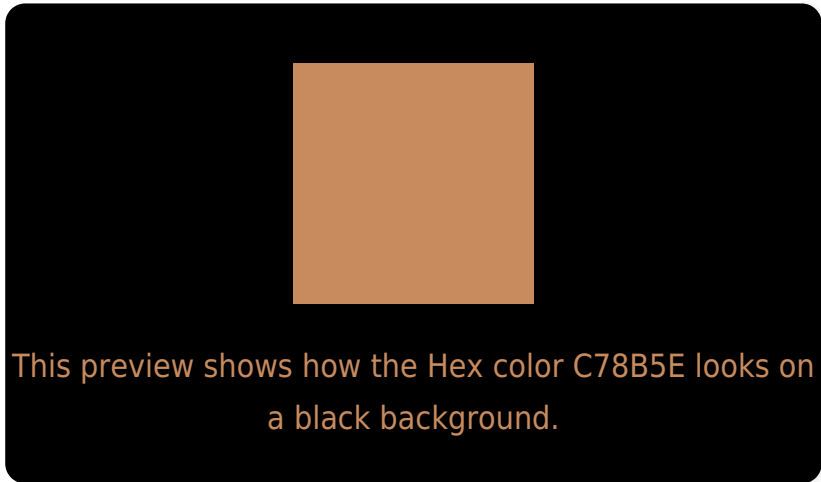
Large Text (above 18pt) WCAG AA × Fail

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

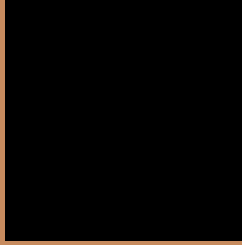
Any Text WCAG AA ✓ Pass

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 C78B5E Background



This preview shows how black text looks on a background with the Hex color C78B5E.




This preview shows how white text looks on a background with the Hex color C78B5E.

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](#).

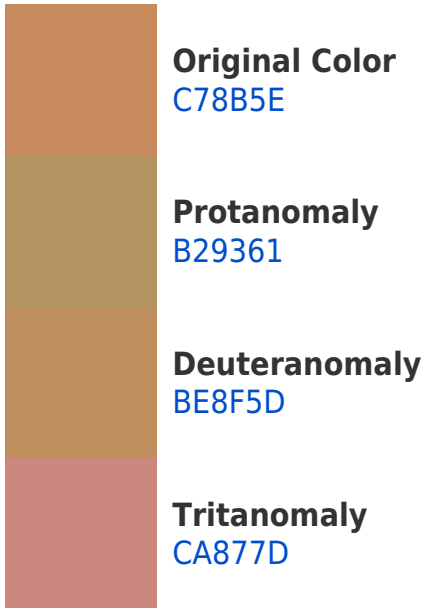
Dichromacy



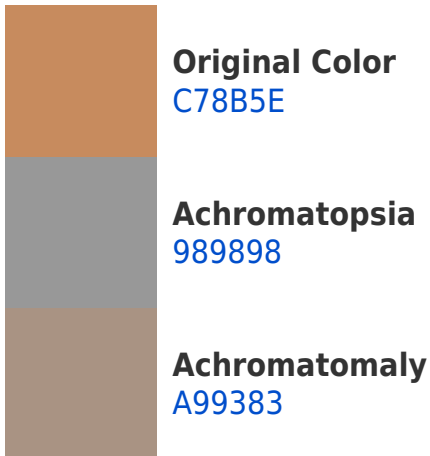


Tritanopia
CB858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C78B5E 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 #C78B5E looks like.

```
.text, #text, p{  
    color:#C78B5E  
}
```

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 #C78B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78B5E
}
```

Border

The CSS property to change the border of an element to Hex C78B5E 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
#C78B5E }
```

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

```
.border{ border-color:#C78B5E }
```

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

Here you see how a box with a 4 pixel #C78B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78B5E; -webkit-box-shadow:4px 4px  
4px 4px #C78B5E; box-shadow:4px 4px 4px  
4px #C78B5E }
```

Background

The CSS property to change the background color of an element to Hex C78B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78B5E }
```

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

```
.background{ background-color:#C78B5E }
```

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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