

Converting Colors

Hex(C87C5E)

Have a look what the booklet for
Hex(C87C5E) contains.

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Color

Hex(C87C5E)

Conversions

Conversions Part 1

Format	Color
Hex	C87C5E
RGB	200, 124, 94
RGB Percent	78%, 49%, 37%
CMY	0.2157, 0.5137, 0.6314
CMYK	0.00, 0.38, 0.53, 0.22
HSL	17°, 49%, 58%
HSV	17°, 53%, 78%
XYZ	33.0474, 27.5028, 14.1565
YIQ	143.3040, 54.9260, 6.7820

Conversions

Conversions Part 2

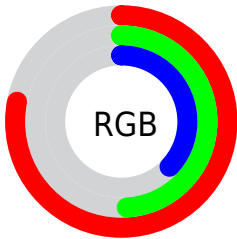
Format	Color
R _Y B	200, 136, 94
Decimal	13139038
CIE Lab	59.44, 26.43, 28.74
CIE LCh	59, 39.049, 47.400
Yxy	27.5028, 0.4424, 0.3681
Android (android.graphics.Color)	4291329118 (0xFFC87C5E)
YUV	143.3040, -24.3069, 49.7224
Hunter-Lab	52.4431, 20.7077, 20.7055

Details

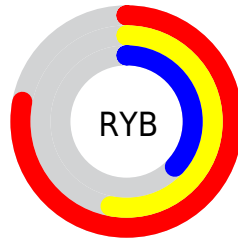
The Hex color **C87C5E** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5EAAC8**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFB191**, and **8E4A2F** is the 20% darker color. If you saturate the color by 10%, you get **C86E4A**, and if you desaturate by 10%, it is **C88A72**.

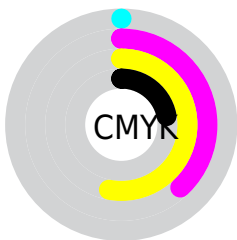
Distribution



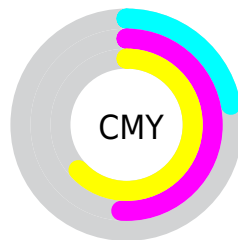
- Red (78%)
- Green (49%)
- Blue (37%)



- Red (78%)
- Yellow (53%)
- Blue (37%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)
- Black (22%)



- Cyan (22%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color C87C5E 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 C87C5E by changing the saturation by 10% instead.

 C87C5E

 C87C5E

FFFFFF

 AB6346

 FFB191

 8E4A2F

 FFCDAB

 733319

 FFE9C7

 571B00

 FFFFFE3

 3C0400

 260001

 000000

 C87C5E

 C87C5E

 C86E4A

 C88A72

 C85F36

 C89986

 C85122

 C8A79A

 C8430E

 C8B5AE

 C83900

 C8C4C2

 C8D2D6

 C8E0EA

 C8EFFE

 C8FDFD

Harmonies

Analogous

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



D1747C



C87C5E



B1884C

Triad

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



C87C5E



37A07F



7C8CD0

Complementary

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



C87C5E



5EAAC8

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.



3697D2



C87C5E



00A1A2

Square

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



C87C5E



6A9C5F



009EC1



AB7FBE

Rectangle

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



C87C5E



9C9049



009EC1



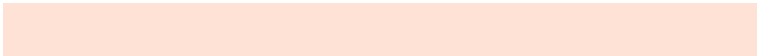
6890D3

Sweetspot

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



C87C5E



FFE2D6



C85EAC



806E67



000000



808080

Same Dimension

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



C87C5E



FF8A5C



C8AF5E



635C5A



A32E00



240A00

Inverse Universe

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



5EAAC8



5CD1FF



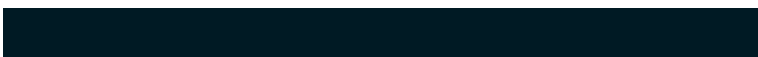
5E77C8



5A6163



0075A3



001A24

Previews

White Background



This preview shows how the Hex color C87C5E looks on a white background.

Color Contrast Check

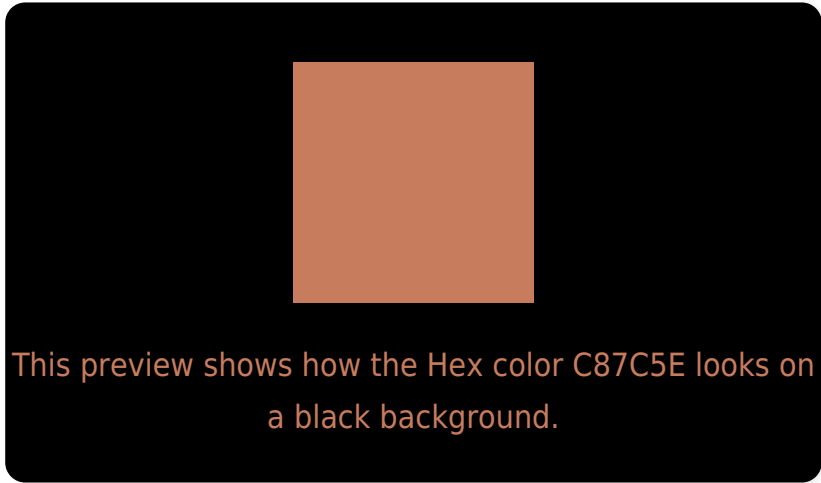
Large Text (above 18pt) WCAG AA ✓ Pass

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 C87C5E Background



This preview shows how black text looks on a background with the Hex color C87C5E.



This preview shows how white text looks on a background with the Hex color C87C5E.

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
C87C5E

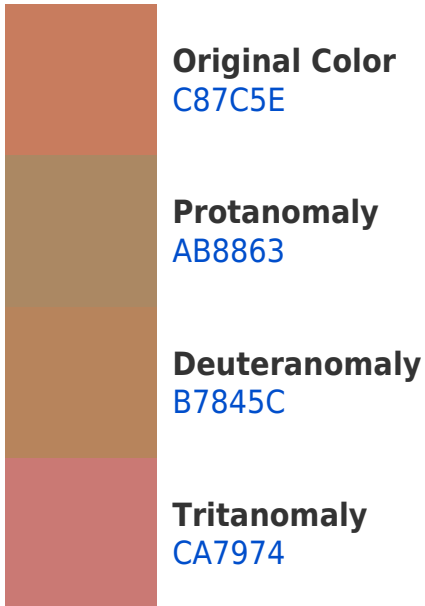
Protanopia
9B8F66

Deuteranopia
AD895B

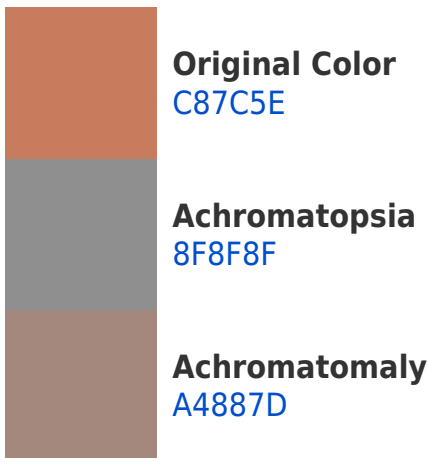


Tritanopia
CB7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C87C5E 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 #C87C5E looks like.

```
.text, #text, p{  
    color:#C87C5E  
}
```

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 #C87C5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87C5E
}
```

Border

The CSS property to change the border of an element to Hex C87C5E 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
#C87C5E }
```

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

```
.border{ border-color:#C87C5E }
```

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

Here you see how a box with a 4 pixel #C87C5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87C5E; -webkit-box-shadow:4px 4px  
4px 4px #C87C5E; box-shadow:4px 4px 4px  
4px #C87C5E }
```

Background

The CSS property to change the background color of an element to Hex C87C5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87C5E }
```

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

```
.background{ background-color:#C87C5E }
```

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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