

Converting Colors

Hex(C87A4F)

Have a look what the booklet for
Hex(C87A4F) contains.

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Color

Hex(C87A4F)

Conversions

Conversions Part 1

Format	Color
Hex	C87A4F
RGB	200, 122, 79
RGB Percent	78%, 48%, 31%
CMY	0.2157, 0.5216, 0.6902
CMYK	0.00, 0.39, 0.60, 0.22
HSL	21°, 52%, 55%
HSV	21°, 60%, 78%
XYZ	32.1902, 26.7629, 10.8663
YIQ	140.4200, 60.2910, 3.1630

Conversions

Conversions Part 2

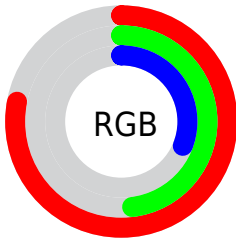
Format	Color
RYB	200, 146, 79
Decimal	13138511
CIELab	58.75, 26.31, 36.12
CIELCh	59, 44.682, 53.932
Yxy	26.7629, 0.4610, 0.3833
Android (android.graphics.Color)	4291328591 (0xFFC87A4F)
YUV	140.4200, -30.2801, 52.2517
Hunter-Lab	51.7329, 20.5371, 23.7594

Details

The Hex color **C87A4F** 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 **4F9DC8**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFAF81**, and **8E4820** is the 20% darker color. If you saturate the color by 10%, you get **C86D3B**, and if you desaturate by 10%, it is **C88763**.

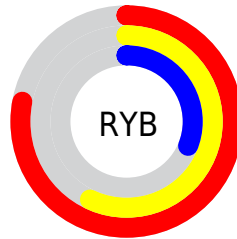
Distribution



Red (78%)

Green (48%)

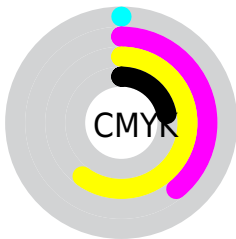
Blue (31%)



Red (78%)

Yellow (57%)

Blue (31%)

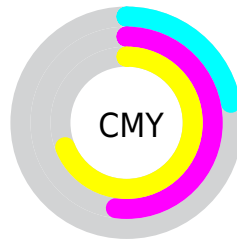


Cyan (0%)

Magenta (39%)

Yellow (60%)

Black (22%)



Cyan (22%)

Magenta (52%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color C87A4F 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 C87A4F by changing the saturation by 10% instead.

 C87A4F

 C87A4F

FFFFFF

 AB6137

 FFAF81

 8E4820

 FFCB9B

 713109

 FFE7B7

 561A00

 FFFFFD2

 3B0300

 FFFFFEF

 230001

 000000

 C87A4F

 C87A4F

 C86D3B

 C88763

 C86027

 C89477

 C85313

 C8A18B

 C84700

 C8AE9F

 C8BAB3

 C8C7C7

 C8D4DB

 C8E1EF

 C8EEFF

Harmonies

Analogous

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



D66E70



C87A4F



AB883D

Triad

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



C87A4F



00A184



8386D5

Complementary

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



C87A4F



4F9DC8

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.



2B94DB



C87A4F



00A1AC

Square

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



C87A4F



569D5D



009DCC



B677BC

Rectangle

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



C87A4F



93913E



009DCC



6C8BD9

Sweetspot

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



C87A4F



FFE1D1



C84F9E



806D63



000000



808080

Same Dimension

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



C87A4F



FF8745



C8B64F



635D5A



A33A00



240D00

Inverse Universe

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



4F9DC8



45BDFF



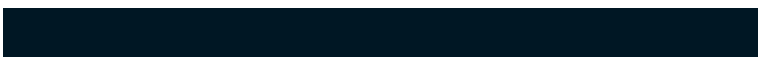
4F61C8



5A6063



0069A3



001724

Previews

White Background



This preview shows how the Hex color C87A4F looks on a white background.

Color Contrast Check

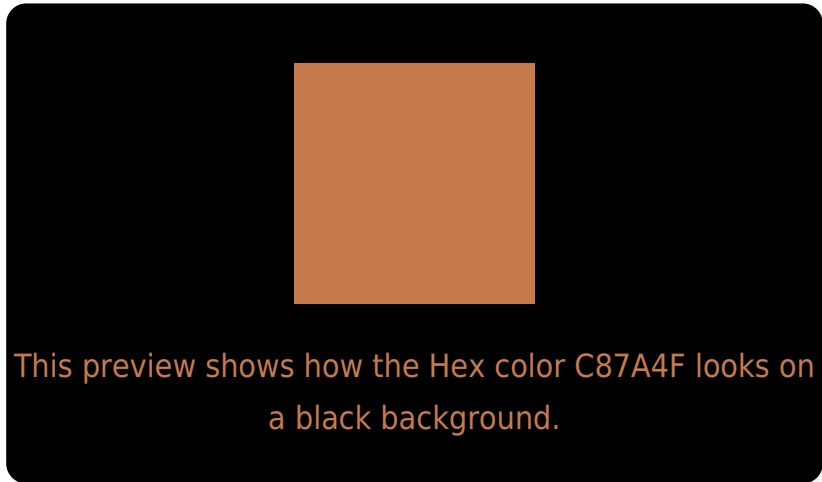
Large Text (above 18pt) WCAG AA ✓ Pass

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

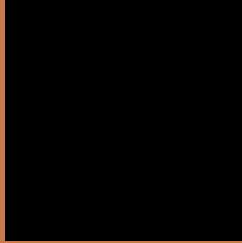
Any Text WCAG AA ✓ Pass

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 C87A4F Background



This preview shows how black text looks on a background with the Hex color C87A4F.



This preview shows how white text looks on a background with the Hex color C87A4F.

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
C87A4F

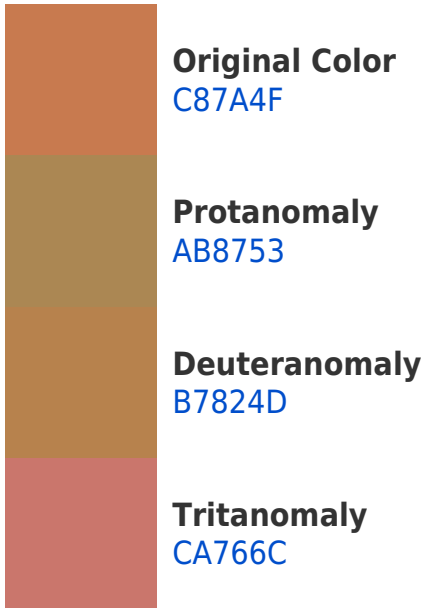
Protanopia
9B8E56

Deuteranopia
AE874C

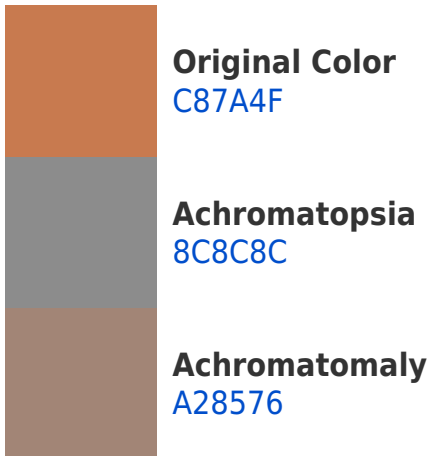


Tritanopia
CB747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C87A4F 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 #C87A4F looks like.

```
.text, #text, p{  
    color:#C87A4F  
}
```

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 #C87A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87A4F
}
```

Border

The CSS property to change the border of an element to Hex C87A4F 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
#C87A4F }
```

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

```
.border{ border-color:#C87A4F }
```

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

Here you see how a box with a 4 pixel #C87A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87A4F; -webkit-box-shadow:4px 4px  
4px 4px #C87A4F; box-shadow:4px 4px 4px  
4px #C87A4F }
```

Background

The CSS property to change the background color of an element to Hex C87A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87A4F }
```

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

```
.background{ background-color:#C87A4F }
```

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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