

Converting Colors

Hex(C97735)

Have a look what the booklet for
Hex(C97735) contains.

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Color

Hex(C97735)

Conversions

Conversions Part 1

Format	Color
Hex	C97735
RGB	201, 119, 53
RGB Percent	79%, 47%, 21%
CMY	0.2118, 0.5333, 0.7922
CMYK	0.00, 0.41, 0.74, 0.21
HSL	27°, 58%, 50%
HSV	27°, 74%, 79%
XYZ	31.3268, 25.8682, 6.7101
YIQ	135.9940, 70.0580, -3.1420

Conversions

Conversions Part 2

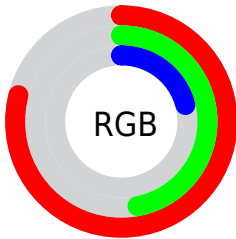
Format	Color
R_{YB}	201, 172, 53
Decimal	13203253
CIE _{Lab}	57.91, 26.79, 48.44
CIE _{LCh}	58, 55.352, 61.049
Yxy	25.8682, 0.4902, 0.4048
Android (android.graphics.Color)	4291393333 (0xFFC97735)
YUV	135.9940, -40.9160, 57.0103
Hunter-Lab	50.8608, 20.9376, 27.7804

Details

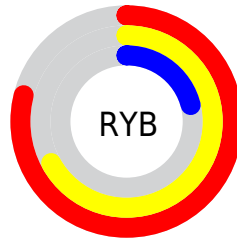
The Hex color **C97735** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3587C9**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FFAC67**, and **8E4600** is the 20% darker color. If you saturate the color by 10%, you get **C96C21**, and if you desaturate by 10%, it is **C98249**.

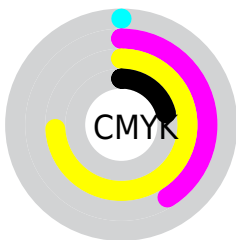
Distribution



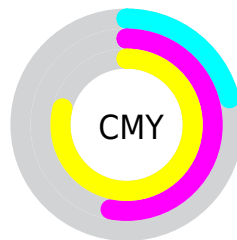
- Red (79%)
- Green (47%)
- Blue (21%)



- Red (79%)
- Yellow (67%)
- Blue (21%)



- Cyan (0%)
- Magenta (41%)
- Yellow (74%)
- Black (21%)



- Cyan (21%)
- Magenta (53%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color C97735 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 C97735 by changing the saturation by 10% instead.

 C97735

 C97735

FFFFFF

 AB5E1C

 FFAC67

 8E4600

 FFC781

 712E00

 FFE39C

 541700

 FFFFFB7

 390100

 FFFFFD3

 200001

 FFFFFFF0

 000000

 C97735

 C97735

 C96C21

 C98249

 C9610D

 C98D5D

 C95A00

 C99871

 C9A485

 C9AF9A

 C9BAAE

 C9C5C2

 C9D0D6

 C9DBEA

Harmonies

Analogous

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



E0655C



C97735



A38920

Triad

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



C97735



00A28B



8E7EDE

Complementary

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



C97735



3587C9

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.



0090EC



C97735



00A2BC

Square

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



C97735



269F5A



009CDF



C769BB

Rectangle

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



C97735



849328



009CDF



7284E6

Sweetspot

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



C97735



FFE0C7



C93589



806D5E



000000



808080

Same Dimension

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



C97735



FF831F



C9BF35



635E5A



A34900



241000

Inverse Universe

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



3587C9



1F9BFF



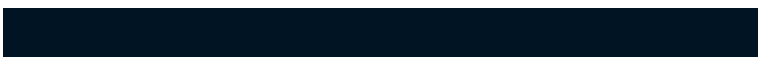
353FC9



5A5F63



005AA3



001424

Previews

White Background



This preview shows how the Hex color C97735 looks on a white background.

Color Contrast Check

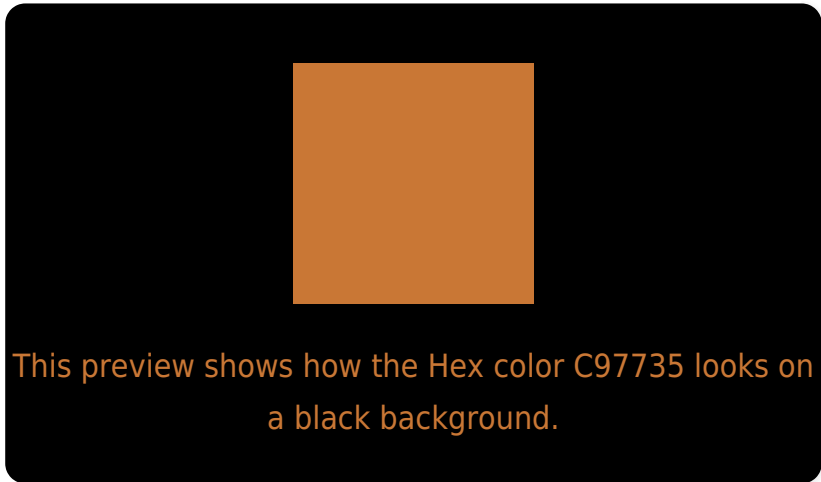
Large Text (above 18pt) WCAG AA ✓ Pass

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

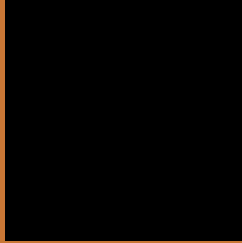
Any Text WCAG AA ✓ Pass

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 C97735 Background



This preview shows how black text looks on a background with the Hex color C97735.



This preview shows how white text looks on a background with the Hex color C97735.

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



Trichromacy



Original Color
C97735

Protanomaly
AC8439

Deuteranomaly
B88032

Tritanomaly
CC7360

Monochromacy



Original Color
C97735

Achromatopsia
888888

Achromatomaly
A0826A

CSS Examples

Text

The CSS property to change the color of the text to Hex C97735 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 #C97735 looks like.

```
.text, #text, p{  
    color:#C97735  
}
```

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 #C97735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C97735
}
```

Border

The CSS property to change the border of an element to Hex C97735 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
#C97735 }
```

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

```
.border{ border-color:#C97735 }
```

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

Here you see how a box with a 4 pixel #C97735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C97735; -webkit-box-shadow:4px 4px  
4px 4px #C97735; box-shadow:4px 4px 4px  
4px #C97735 }
```

Background

The CSS property to change the background color of an element to Hex C97735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C97735 }
```

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

```
.background{ background-color:#C97735 }
```

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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