

Converting Colors

Hex(C97E46)

Have a look what the booklet for
Hex(C97E46) contains.

Hex(C97E46)	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(C97E46)

Conversions

Conversions Part 1

Format	Color
Hex	C97E46
RGB	201, 126, 70
RGB Percent	79%, 49%, 27%
CMY	0.2118, 0.5059, 0.7255
CMYK	0.00, 0.37, 0.65, 0.21
HSL	26°, 55%, 53%
HSV	26°, 65%, 79%
XYZ	32.6537, 27.7814, 9.4357
YIQ	142.0410, 62.6760, -1.5160

Conversions

Conversions Part 2

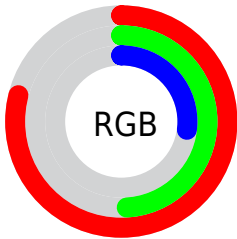
Format	Color
R_{YB}	201, 168, 70
Decimal	13205062
CIE _{Lab}	59.69, 23.94, 42.00
CIE _{LCh}	60, 48.338, 60.320
Yxy	27.7814, 0.4673, 0.3976
Android (android.graphics.Color)	4291395142 (0xFFC97E46)
YUV	142.0410, -35.5162, 51.7070
Hunter-Lab	52.7081, 18.3453, 26.2817

Details

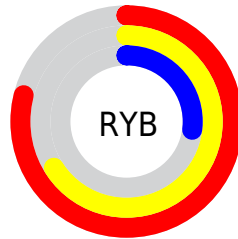
The Hex color **C97E46** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4691C9**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB378**, and **8E4C16** is the 20% darker color. If you saturate the color by 10%, you get **C97232**, and if you desaturate by 10%, it is **C98A5A**.

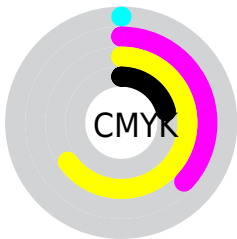
Distribution



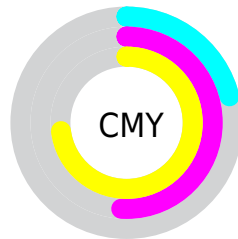
- Red (79%)
- Green (49%)
- Blue (27%)



- Red (79%)
- Yellow (66%)
- Blue (27%)



- Cyan (0%)
- Magenta (37%)
- Yellow (65%)
- Black (21%)



- Cyan (21%)
- Magenta (51%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C97E46 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 C97E46 by changing the saturation by 10% instead.

 C97E46

 C97E46

FFFFFF

 AB652E

 FFB378

 8E4C16

 FFCF92

 723500

 FFEBAD

 561E00

 FFFFFC9

 3B0800

 FFFFFE5

 240001

 000000

 C97E46

 C97E46

 C97232

 C98A5A

 C9671E

 C9956E

 C95B0A

 C9A182

 C95600

 C9AC96

 C9B8AB

 C9C3BF

 C9CFD3

 C9DAE7

 C9E6FB

Harmonies

Analogous

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



DD7067



C97E46



A78E37

Triad

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



C97E46



00A58F



9284D9

Complementary

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



C97E46



4691C9

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.



3A94E5



C97E46



00A4B9

Square

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



C97E46



43A164



009FD9



C474BB

Rectangle

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



C97E46



8C963C



009FD9



7B8AE0

Sweetspot

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



C97E46



FFE2CC



C94692



806E61



000000



808080

Same Dimension

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



C97E46



FF8D38



C9BE46



635E5A



A34600



240F00

Inverse Universe

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



4691C9



38AAFF



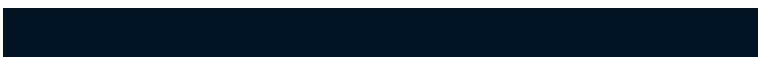
4651C9



5A5F63



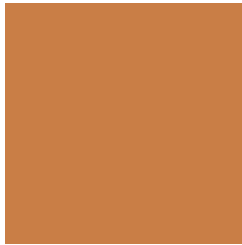
005DA3



001424

Previews

White Background



This preview shows how the Hex color C97E46 looks on a white background.

Color Contrast Check

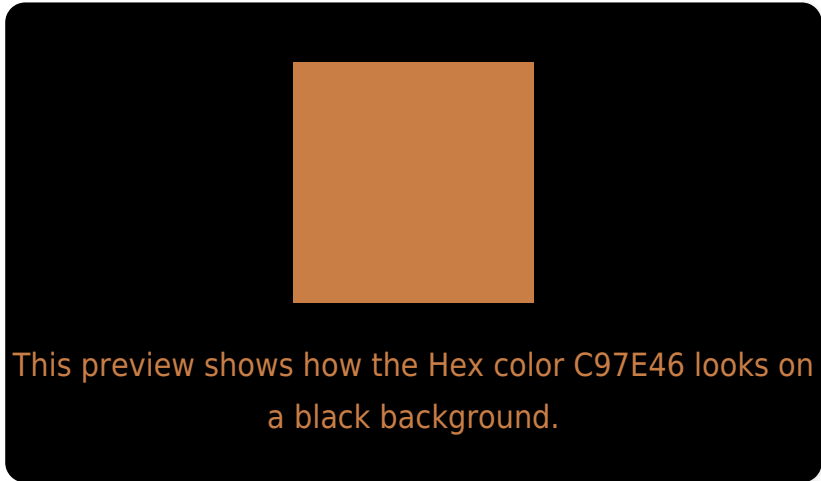
Large Text (above 18pt) WCAG AA ✓ Pass

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

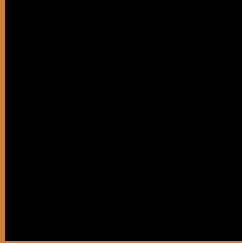
Any Text WCAG AA ✓ Pass

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 C97E46 Background



This preview shows how black text looks on a background with the Hex color C97E46.



This preview shows how white text looks on a background with the Hex color C97E46.

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
C97E46

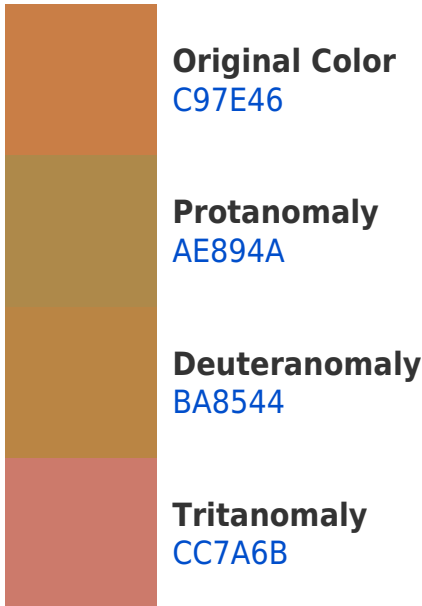
Protanopia
9F904C

Deuteranopia
B28943

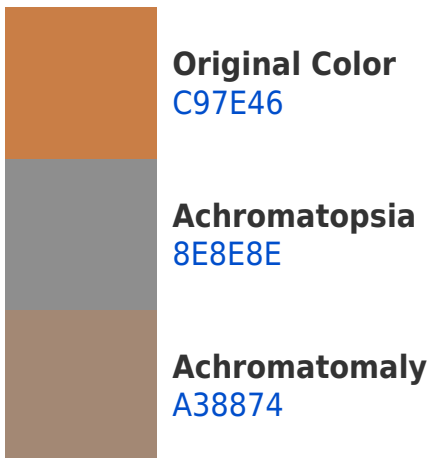


Tritanopia
CD7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C97E46 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 #C97E46 looks like.

```
.text, #text, p{  
    color:#C97E46  
}
```

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 #C97E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C97E46  
}
```

Border

The CSS property to change the border of an element to Hex C97E46 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  
#C97E46 }
```

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

```
.border{ border-color:#C97E46 }
```

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

Here you see how a box with a 4 pixel #C97E46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C97E46; -webkit-box-shadow:4px 4px  
4px 4px #C97E46; box-shadow:4px 4px 4px  
4px #C97E46 }
```

Background

The CSS property to change the background color of an element to Hex C97E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C97E46 }
```

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

```
.background{ background-color:#C97E46 }
```

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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