

Converting Colors

Hex(C78A40)

Have a look what the booklet for
Hex(C78A40) contains.

Hex(C78A40)	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(C78A40)

Conversions

Conversions Part 1

Format	Color
Hex	C78A40
RGB	199, 138, 64
RGB Percent	78%, 54%, 25%
CMY	0.2196, 0.4588, 0.7490
CMYK	0.00, 0.31, 0.68, 0.22
HSL	33°, 55%, 52%
HSV	33°, 68%, 78%
XYZ	33.5671, 30.6892, 9.0049
YIQ	147.8030, 60.1100, -10.0820

Conversions

Conversions Part 2

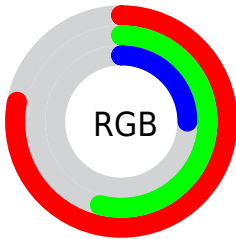
Format	Color
RYB	175, 199, 64
Decimal	13077056
CIELab	62.24, 16.16, 47.77
CIElCh	62, 50.427, 71.306
Yxy	30.6892, 0.4582, 0.4189
Android (android.graphics.Color)	4291267136 (0xFFC78A40)
YUV	147.8030, -41.3149, 44.8998
Hunter-Lab	55.3979, 11.2118, 29.1409

Details

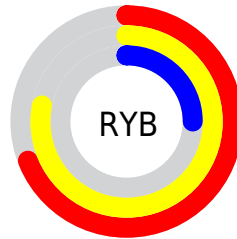
The Hex color **C78A40** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **407DC7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFBF73**, and **8D580B** is the 20% darker color. If you saturate the color by 10%, you get **C7812C**, and if you desaturate by 10%, it is **C79354**.

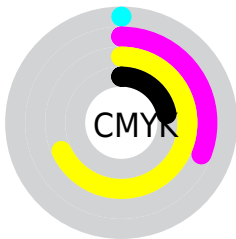
Distribution



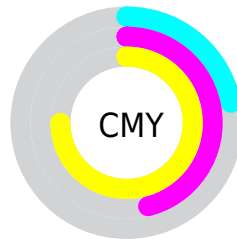
- Red (78%)
- Green (54%)
- Blue (25%)



- Red (69%)
- Yellow (78%)
- Blue (25%)



- Cyan (0%)
- Magenta (31%)
- Yellow (68%)
- Black (22%)



- Cyan (22%)
- Magenta (46%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C78A40 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 C78A40 by changing the saturation by 10% instead.

 C78A40

 C78A40

FFFFFF

 AA7127

 FFBF73

 8D580B

 FFDB8D

 714100

 FFF8A8

 552A00

 FFFFFC4

 3A1500

 FFFFFE0

 230000

FFFFFFD

 000000

 C78A40

 C78A40

 C7812C

 C79354

 C77818

 C79C68

 C76F04

 C7A57C

 C76D00

 C7AE90

 C7B7A4

 C7C0B7

 C7C9CB

 C7D2DF

 C7DBF3

Harmonies

Analogous

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



E2795E



C78A40



A0993A

Triad

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



C78A40



00ADA7



B084DA

Complementary

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



C78A40



407DC7

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.



6696EE



C78A40



00ABD0

Square

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



C78A40



1DAB78



00A3EB



DA74B4

Rectangle

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



C78A40



80A146



00A3EB



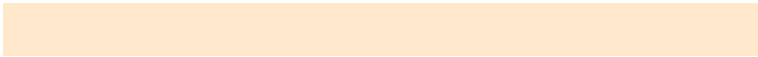
9B8AE3

Sweetspot

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



C78A40



FFE8CC



C7407F



807261



000000



808080

Same Dimension

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



C78A40



FFA230



C3C740



635F5A



A35900



241400

Inverse Universe

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



407DC7



308EFF



4440C7



5A5E63



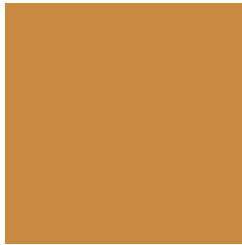
004AA3



001024

Previews

White Background



This preview shows how the Hex color C78A40 looks on a white background.

Color Contrast Check

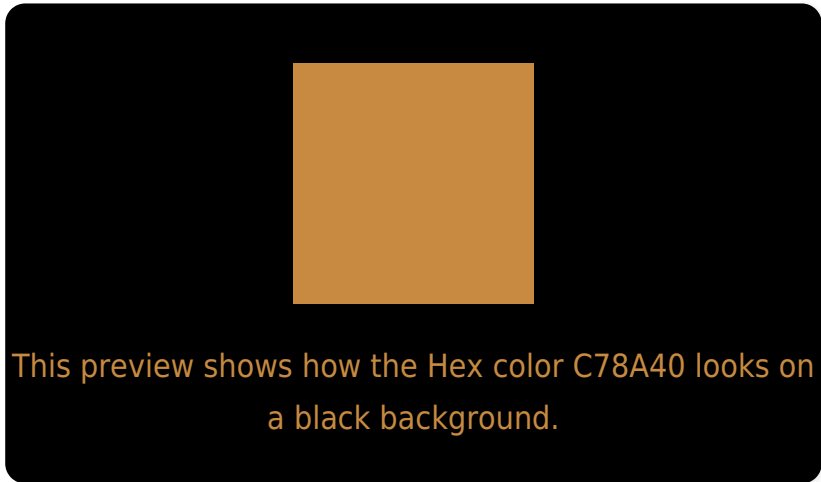
Large Text (above 18pt) WCAG AA × Fail

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

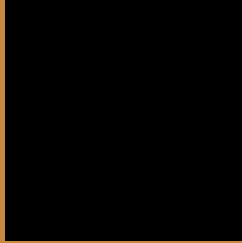
Any Text WCAG AA ✓ Pass

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 C78A40 Background



This preview shows how black text looks on a background with the Hex color C78A40.



This preview shows how white text looks on a background with the Hex color C78A40.

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

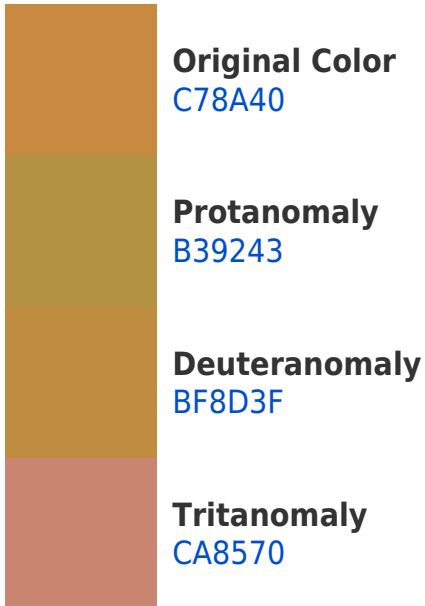


Original Color
C78A40

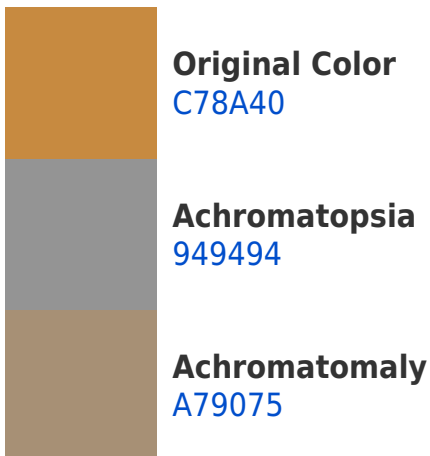
Protanopia
A79744

Deuteranopia
BB8F3F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C78A40 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 #C78A40 looks like.

```
.text, #text, p{  
    color:#C78A40  
}
```

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 #C78A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78A40
}
```

Border

The CSS property to change the border of an element to Hex C78A40 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
#C78A40 }
```

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

```
.border{ border-color:#C78A40 }
```

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

Here you see how a box with a 4 pixel #C78A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78A40; -webkit-box-shadow:4px 4px  
4px 4px #C78A40; box-shadow:4px 4px 4px  
4px #C78A40 }
```

Background

The CSS property to change the background color of an element to Hex C78A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78A40 }
```

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

```
.background{ background-color:#C78A40 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor