

# Converting Colors

Hex(CE8A40)

Have a look what the booklet for  
Hex(CE8A40) contains.

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# **Color**

**Hex(CE8A40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE8A40
RGB	206, 138, 64
RGB Percent	81%, 54%, 25%
CMY	0.1922, 0.4588, 0.7490
CMYK	0.00, 0.33, 0.69, 0.19
HSL	31°, 59%, 53%
HSV	31°, 69%, 81%
XYZ	35.4675, 31.6689, 9.0939
YIQ	149.8960, 64.2820, -8.5980

# Conversions

## Conversions Part 2

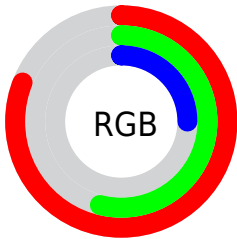
Format	Color
<a href="#">RYB</a>	<a href="#">194, 206, 64</a>
Decimal	<a href="#">13535808</a>
<a href="#">CIELab</a>	<a href="#">63.07, 19.16, 48.90</a>
<a href="#">CIElCh</a>	<a href="#">63, 52.521, 68.605</a>
<a href="#">Yxy</a>	<a href="#">31.6689, 0.4653, 0.4154</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291725888 (0xFFCE8A40)</a>
<a href="#">YUV</a>	<a href="#">149.8960, -42.3467, 49.2032</a>
<a href="#">Hunter-Lab</a>	<a href="#">56.2752, 14.0183, 29.8116</a>

# Details

The Hex color **CE8A40** 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 **4084CE**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFC073**, and **93580A** is the 20% darker color. If you saturate the color by 10%, you get **CE802B**, and if you desaturate by 10%, it is **CE9455**.

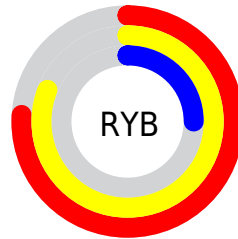
# Distribution



Red (81%)

Green (54%)

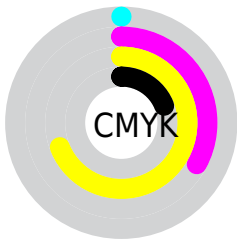
Blue (25%)



Red (76%)

Yellow (81%)

Blue (25%)

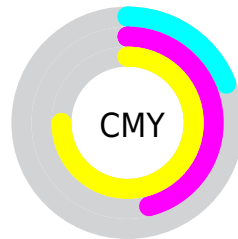


Cyan (0%)

Magenta (33%)

Yellow (69%)

Black (19%)



Cyan (19%)

Magenta (46%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE8A40 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 CE8A40 by changing the saturation by 10% instead.



 CE8A40

 CE8A40

FFFFFF

 B07027

 FFC073

 93580A

 FFDB8D

 774000

 FFF8A8

 5B2A00

 FFFFC4

 3F1500

 FFFFEO

 270000

FFFFFFD

 000000

 CE8A40

 CE8A40

 CE802B

 CE9455

 CE7617

 CE9E69

 CE6C02

 CEA87E

 CE6B00

 CEB192

 CEBBA7

 CEC5BC

 CECFD0

 CED9E5

 CEE3F9

# Harmonies

## Analogous

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



E87961



CE8A40



A69B36

# Triad

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



CE8A40



00B0A5



AD87E2

# Complementary

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



CE8A40



4084CE

# 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.



5B99F5



CE8A40



00AED2

# Square

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



CE8A40



23AD75



00A7EF



DC75BC

# Rectangle

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



CE8A40



86A342



00A7EF



978DEB



# Sweetspot

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



CE8A40



FFE5C9



CE4085



807060



000000



808080



# Same Dimension

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



CE8A40



FF9A2B



CCCE40



66615C



A65600



261400



# Inverse Universe

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



4084CE



2B91FF



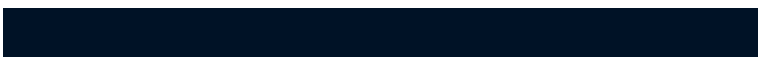
4240CE



5C6166



004FA6



001226



# Previews

## White Background



This preview shows how the Hex color CE8A40 looks on a white background.

## Color Contrast Check

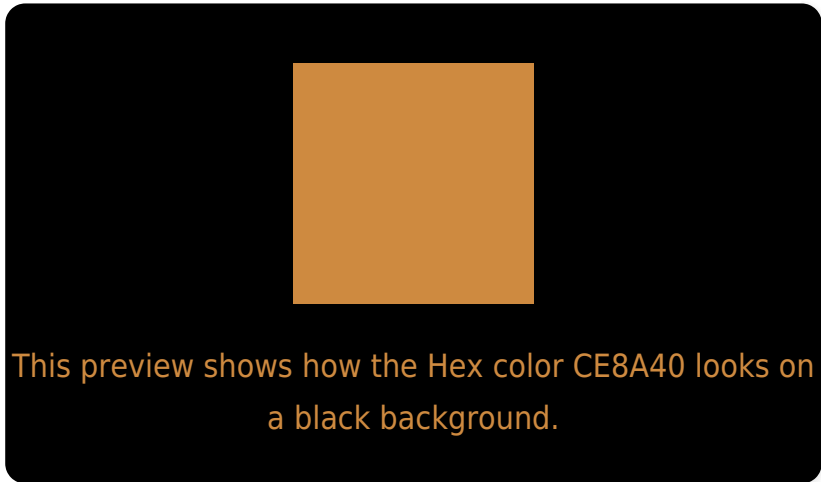
Large Text (above 18pt) WCAG AA × Fail

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

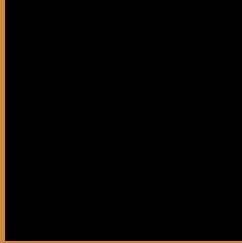
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CE8A40 Background



This preview shows how black text looks on a background with the Hex color CE8A40.




This preview shows how white text looks on a background with the Hex color CE8A40.

# 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](#).

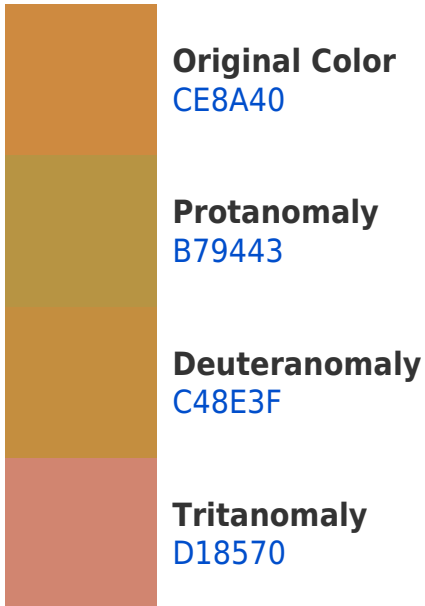
## Dichromacy





**Tritanopia**  
D3828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE8A40 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 #CE8A40 looks like.

```
.text, #text, p{  
    color:#CE8A40  
}
```

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 #CE8A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE8A40
}
```

## Border

The CSS property to change the border of an element to Hex CE8A40 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
#CE8A40 }
```

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

```
.border{ border-color:#CE8A40 }
```

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

Here you see how a box with a 4 pixel #CE8A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE8A40; -webkit-box-shadow:4px 4px  
4px 4px #CE8A40; box-shadow:4px 4px 4px  
4px #CE8A40 }
```

# Background

The CSS property to change the background color of an element to Hex CE8A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE8A40 }
```

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

```
.background{ background-color:#CE8A40 }
```

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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