

# Converting Colors

Hex(C8802E)

Have a look what the booklet for  
Hex(C8802E) contains.

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# Color

Hex(C8802E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8802E
RGB	200, 128, 46
RGB Percent	78%, 50%, 18%
CMY	0.2157, 0.4980, 0.8196
CMYK	0.00, 0.36, 0.77, 0.22
HSL	32°, 63%, 48%
HSV	32°, 77%, 78%
XYZ	32.0317, 27.9150, 6.2846
YIQ	140.1800, 69.2340, -10.2380

# Conversions

## Conversions Part 2

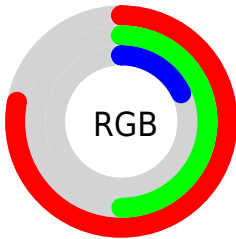
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 200, 46
Decimal	13140014
CIELab	59.81, 21.18, 53.42
CIElCh	60, 57.462, 68.376
Yxy	27.9150, 0.4836, 0.4215
Android (android.graphics.Color)	4291330094 (0xFFC8802E)
YUV	140.1800, -46.4307, 52.4621
Hunter-Lab	52.8346, 15.7576, 29.9317

# Details

The Hex color **C8802E** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2E76C8**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB561**, and **8D4F00** is the 20% darker color. If you saturate the color by 10%, you get **C8771A**, and if you desaturate by 10%, it is **C88942**.

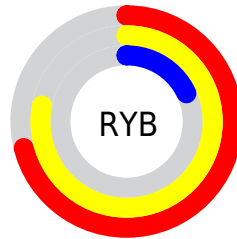
# Distribution



Red (78%)

Green (50%)

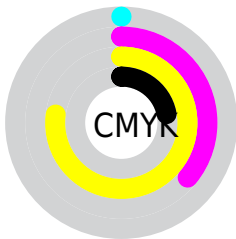
Blue (18%)



Red (71%)

Yellow (78%)

Blue (18%)

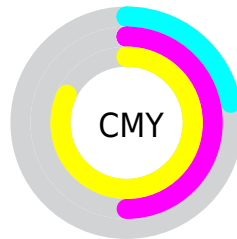


Cyan (0%)

Magenta (36%)

Yellow (77%)

Black (22%)



Cyan (22%)

Magenta (50%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8802E 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 C8802E by changing the saturation by 10% instead.



 C8802E

 C8802E

FFFFFF

 AA6712

 FFB561

 8D4F00

 FFD17C

 703700

 FFED96

 542100

 FFFFFB2

 390C00

 FFFFCE

 220001

 FFFFEB

 000000

 C8802E

 C8802E

 C8771A

 C88942

 C86D06

 C89356

 C86A00

 C89C6A

 C8A57E

 C8AF92

 C8B8A6

 C8C1BA

 C8CBCE

 C8D4E2

# Harmonies

## Analogous

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



E46C54



C8802E



9D9220

# Triad

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



C8802E



00A89D



A57DE0

# Complementary

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



C8802E



2E76C8

# 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.



4091F4



C8802E



00A7CE

# Square

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



C8802E



00A669



009FEE



D868B6

# Rectangle

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



C8802E



7B9B2F



009FEE



8C84E9

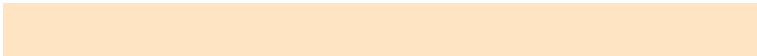


# Sweetspot

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



C8802E



FFE4C4



C82E78



806F5C



000000



808080



# Same Dimension

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



C8802E



FF9114



C5C82E



635F5A



A35700



241300



# Inverse Universe

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



2E76C8



1482FF



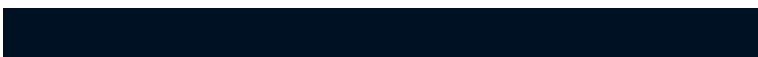
312EC8



5A5E63



004CA3



001124



# Previews

## White Background



This preview shows how the Hex color C8802E looks on a white background.

## Color Contrast Check

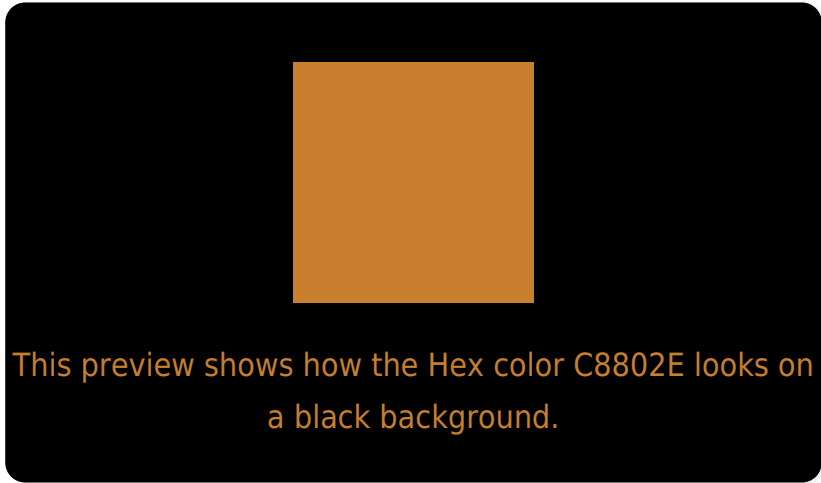
Large Text (above 18pt) WCAG AA ✓ Pass

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 C8802E Background



This preview shows how black text looks on a background with the Hex color C8802E.



This preview shows how white text looks on a background with the Hex color C8802E.

# 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**  
C8802E

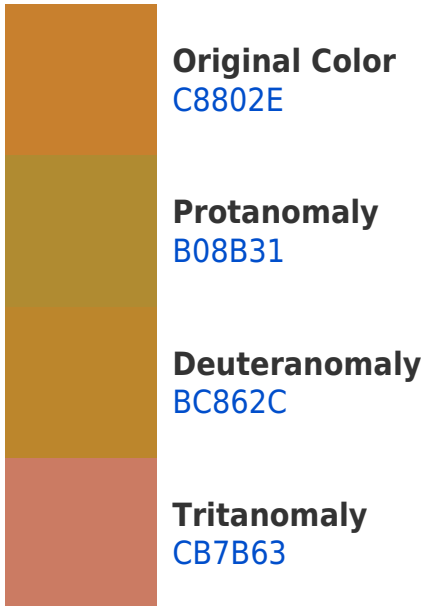
**Protanopia**  
A29132

**Deuteranopia**  
B5892B



**Tritanopia**  
CD7881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8802E 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 #C8802E looks like.

```
.text, #text, p{  
    color:#C8802E  
}
```

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 #C8802E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8802E
}
```

## Border

The CSS property to change the border of an element to Hex C8802E 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
#C8802E }
```

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

```
.border{ border-color:#C8802E }
```

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

Here you see how a box with a 4 pixel #C8802E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8802E; -webkit-box-shadow:4px 4px  
4px 4px #C8802E; box-shadow:4px 4px 4px  
4px #C8802E }
```

# Background

The CSS property to change the background color of an element to Hex C8802E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8802E }
```

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

```
.background{ background-color:#C8802E }
```

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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