

Converting Colors

Hex(C8702E)

Have a look what the booklet for
Hex(C8702E) contains.

| | |
|--|----|
| Hex(C8702E) | 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(C8702E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C8702E |
| RGB | 200, 112, 46 |
| RGB Percent | 78%, 44%, 18% |
| CMY | 0.2157, 0.5608, 0.8196 |
| CMYK | 0.00, 0.44, 0.77, 0.22 |
| HSL | 26°, 63%, 48% |
| HSV | 26°, 77%, 78% |
| XYZ | 30.1067, 24.0650, 5.6430 |
| YIQ | 130.7880, 73.6340, -1.8700 |

Conversions

Conversions Part 2

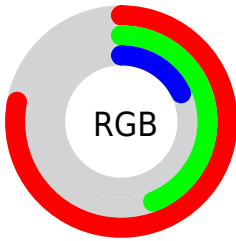
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 200, 162, 46 |
| Decimal | 13135918 |
| CIE Lab | 56.15, 29.83, 49.83 |
| CIE LCh | 56, 58.081, 59.094 |
| Yxy | 24.0650, 0.5033, 0.4023 |
| Android (android.graphics.Color) | 4291325998 (0xFFC8702E) |
| YUV | 130.7880, -41.8005, 60.6989 |
| Hunter-Lab | 49.0560, 23.7011, 27.5190 |

Details

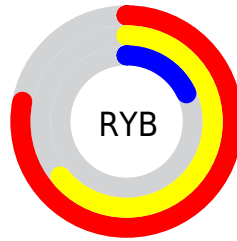
The Hex color **C8702E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2E86C8**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FFA560**, and **8C3F00** is the 20% darker color. If you saturate the color by 10%, you get **C8651A**, and if you desaturate by 10%, it is **C87B42**.

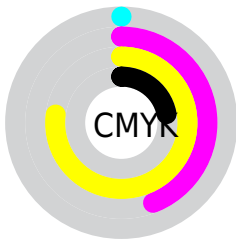
Distribution



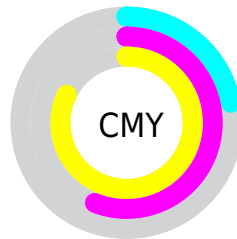
- Red (78%)
- Green (44%)
- Blue (18%)



- Red (78%)
- Yellow (64%)
- Blue (18%)



- Cyan (0%)
- Magenta (44%)
- Yellow (77%)
- Black (22%)



- Cyan (22%)
- Magenta (56%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8702E 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 C8702E by changing the saturation by 10% instead.

 C8702E

 C8702E

FFFFFF

 AA5714

 FFA560

 8C3F00

 FFC07A

 6F2700

 FFDC94

 520F00

 FFF9B0

 370000

 FFFFCC

 1A0001

 FFFFFE8

 000000

 C8702E

 C8702E

 C8651A

 C87B42

 C85906

 C88756

 C85600

 C8926A

 C89E7E

 C8A992

 C8B5A6

 C8C0BA

 C8CBCE

 C8D7E2

Harmonies

Analogous

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



DF5C59



C8702E



A18411

Triad

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



C8702E



009E83



837ADF

Complementary

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



C8702E



2E86C8

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.



008DEC



C8702E



009EB6

Square

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



C8702E



1C9A50



0099DD



C263BB

Rectangle

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



C8702E



818E19



0099DD



6381E7

Sweetspot

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



C8702E



FFDDC4



C82E88



806B5C



000000



808080

Same Dimension

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



C8702E



FF7914



C8BB2E



635E5A



A34600



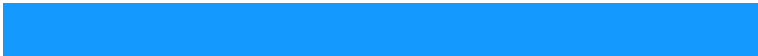
240F00

Inverse Universe

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



2E86C8



149AFF



2E3BC8



5A5F63



005DA3



001424

Previews

White Background



This preview shows how the Hex color C8702E looks on a white background.

Color Contrast Check

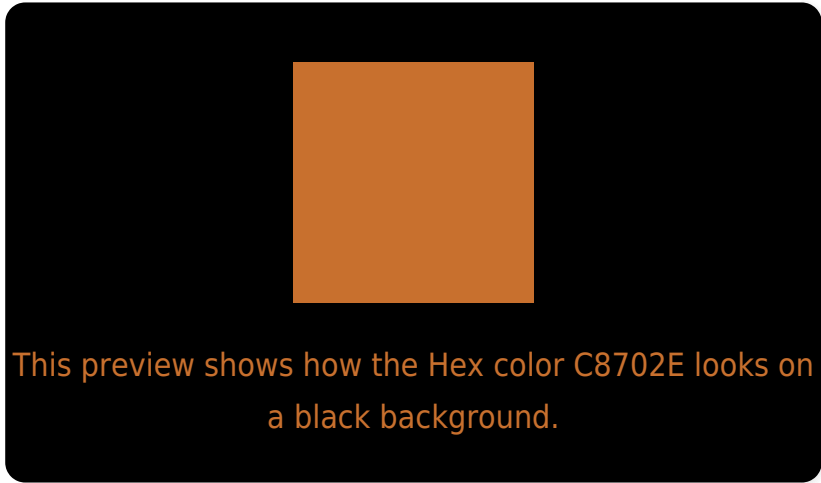
Large Text (above 18pt) WCAG AA ✓ Pass

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

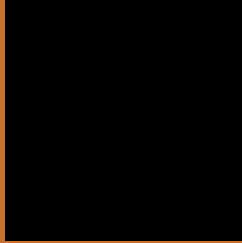
Any Text WCAG AA ✓ Pass

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 C8702E Background



This preview shows how black text looks on a background with the Hex color C8702E.



This preview shows how white text looks on a background with the Hex color C8702E.

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
C8702E

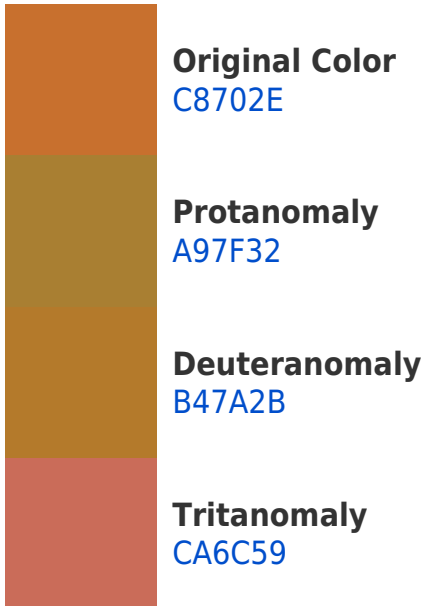
Protanopia
978734

Deuteranopia
A98029



Tritanopia
CB6971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8702E 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 #C8702E looks like.

```
.text, #text, p{  
    color:#C8702E  
}
```

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 #C8702E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8702E
}
```

Border

The CSS property to change the border of an element to Hex C8702E 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
#C8702E }
```

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

```
.border{ border-color:#C8702E }
```

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

Here you see how a box with a 4 pixel #C8702E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8702E; -webkit-box-shadow:4px 4px  
4px 4px #C8702E; box-shadow:4px 4px 4px  
4px #C8702E }
```

Background

The CSS property to change the background color of an element to Hex C8702E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8702E }
```

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

```
.background{ background-color:#C8702E }
```

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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