

Converting Colors

Hex(C6812E)

Have a look what the booklet for
Hex(C6812E) contains.

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Color

Hex(C6812E)

Conversions

Conversions Part 1

Format	Color
Hex	C6812E
RGB	198, 129, 46
RGB Percent	78%, 51%, 18%
CMY	0.2235, 0.4941, 0.8196
CMYK	0.00, 0.35, 0.77, 0.22
HSL	33°, 62%, 48%
HSV	33°, 77%, 78%
XYZ	31.6321, 27.9035, 6.3035
YIQ	140.1690, 67.7670, -11.1850

Conversions

Conversions Part 2

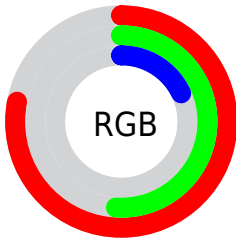
Format	Color
RYB	172, 198, 46
Decimal	13009198
CIELab	59.80, 19.77, 53.32
CIELCh	60, 56.868, 69.660
Yxy	27.9035, 0.4804, 0.4238
Android (android.graphics.Color)	4291199278 (0xFFC6812E)
YUV	140.1690, -46.4253, 50.7178
Hunter-Lab	52.8238, 14.4482, 29.9015

Details

The Hex color **C6812E** 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 **2E73C6**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB661**, and **8B5000** is the 20% darker color. If you saturate the color by 10%, you get **C6781A**, and if you desaturate by 10%, it is **C68A42**.

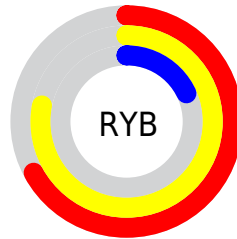
Distribution



Red (78%)

Green (51%)

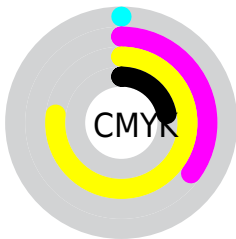
Blue (18%)



Red (67%)

Yellow (78%)

Blue (18%)

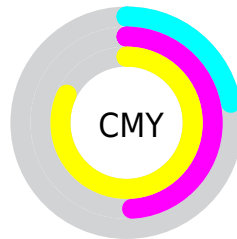


Cyan (0%)

Magenta (35%)

Yellow (77%)

Black (22%)



Cyan (22%)

Magenta (49%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6812E 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 C6812E by changing the saturation by 10% instead.

 C6812E

 C6812E

FFFFFF

 A86812

 FFB661

 8B5000

 FFD27C

 6F3800

 FFEE96

 522200


 FFFFFB2

 370D00

 FFFFCE

 210001

 FFFFEB

 000000

 C6812E

 C6812E

 C6781A

 C68A42

 C66F06

 C69356

 C66C00

 C69C69

 C6A57D

 C6AE91

 C6B7A5

 C6C0B9

 C6C9CC

 C6D2E0

Harmonies

Analogous

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



E36D53



C6812E



9B9322

Triad

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



C6812E



00A89F



A87CDE

Complementary

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



C6812E



2E73C6

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.



4990F3



C6812E



00A6CF

Square

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



C6812E



00A66B



009FEE



D968B4

Rectangle

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



C6812E



799C32



009FEE



8F83E7

Sweetspot

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



C6812E



FFE4C4



C62E75



806F5C



000000



808080

Same Dimension

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



C6812E



FF9514



C1C62E



635F5A



A35900



241300

Inverse Universe

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



2E73C6



147FFF



332EC6



5A5E63



004AA3



001024

Previews

White Background



This preview shows how the Hex color C6812E looks on a white background.

Color Contrast Check

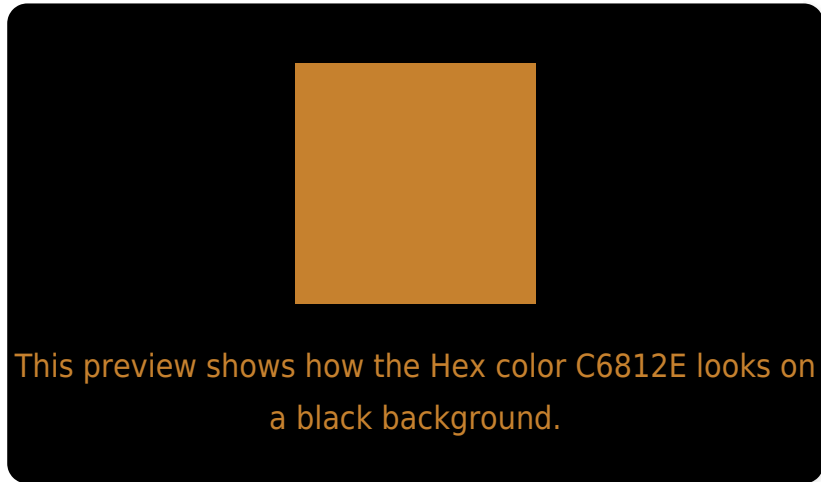
Large Text (above 18pt) WCAG AA ✓ Pass

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

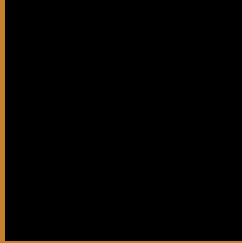
Any Text WCAG AA ✓ Pass

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 C6812E Background



This preview shows how black text looks on a background with the Hex color C6812E.



This preview shows how white text looks on a background with the Hex color C6812E.

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](#).

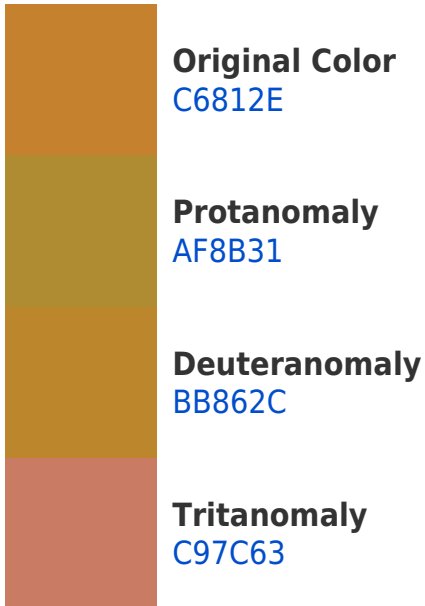
Dichromacy



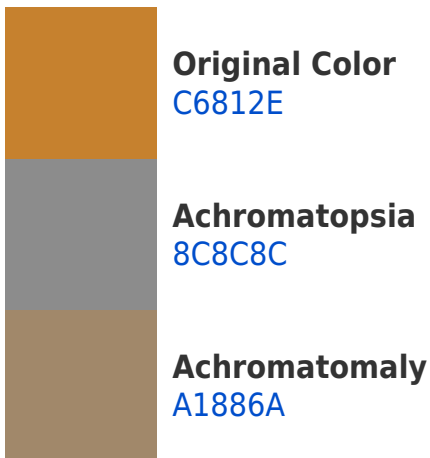


Tritanopia
CB7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6812E 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 #C6812E looks like.

```
.text, #text, p{  
    color:#C6812E  
}
```

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 #C6812E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6812E
}
```

Border

The CSS property to change the border of an element to Hex C6812E 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
#C6812E }
```

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

```
.border{ border-color:#C6812E }
```

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

Here you see how a box with a 4 pixel #C6812E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6812E; -webkit-box-shadow:4px 4px  
4px 4px #C6812E; box-shadow:4px 4px 4px  
4px #C6812E }
```

Background

The CSS property to change the background color of an element to Hex C6812E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6812E }
```

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

```
.background{ background-color:#C6812E }
```

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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