

Converting Colors

Hex(CE8702)

Have a look what the booklet for
Hex(CE8702) contains.

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Color

Hex(CE8702)

Conversions

Conversions Part 1

Format	Color
Hex	CE8702
RGB	206, 135, 2
RGB Percent	81%, 53%, 1%
CMY	0.1922, 0.4706, 0.9922
CMYK	0.00, 0.34, 0.99, 0.19
HSL	39°, 98%, 41%
HSV	39°, 99%, 81%
XYZ	34.1285, 30.4541, 4.1369
YIQ	141.0670, 85.0090, -26.3110

Conversions

Conversions Part 2

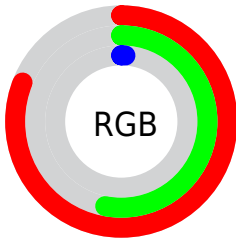
Format	Color
RYB	111, 206, 2
Decimal	13534978
CIELab	62.04, 18.99, 67.32
CIElCh	62, 69.949, 74.251
Yxy	30.4541, 0.4966, 0.4432
Android (android.graphics.Color)	4291725058 (0xFFCE8702)
YUV	141.0670, -68.5600, 56.9462
Hunter-Lab	55.1853, 13.8165, 34.1851

Details

The Hex color **CE8702** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0249CE**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFBC48**, and **925500** is the 20% darker color. If you saturate the color by 10%, you get **CE8600**, and if you desaturate by 10%, it is **CE8E17**.

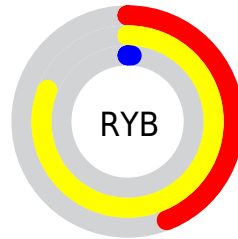
Distribution



Red (81%)

Green (53%)

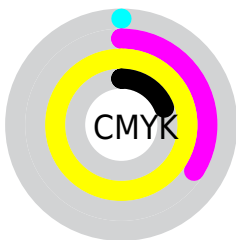
Blue (1%)



Red (44%)

Yellow (81%)

Blue (1%)

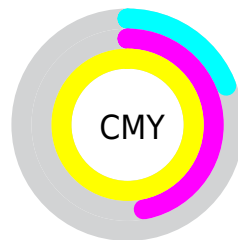


Cyan (0%)

Magenta (34%)

Yellow (99%)

Black (19%)



Cyan (19%)

Magenta (47%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE8702 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 CE8702 by changing the saturation by 10% instead.

 CE8702

 CE8702

FFFFFF

 B06E00

 FFBC48

 925500

 FFD863

 743E00

 FFF47F

 582800

 FFFF9A

 3C1300

 FFFFB6

 250000

 FFFFD3

 000000

 FFFFF0

 CE8702

 CE8702

■ CE8600

■ CE8E17

■ CE952B

■ CE9D40

■ CEA454

■ CEAB69

■ CEB27E

■ CEB992

■ CEC0A7

■ CEC8BB

Harmonies

Analogous

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



F56C41



CE8702



989C00

Triad

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



CE8702



00B3B3



BE77F0

Complementary

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



CE8702



0249CE

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.



4593FF



CE8702



00B0EC

Square

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



CE8702



00B072



00A6FF



F45CB9

Rectangle

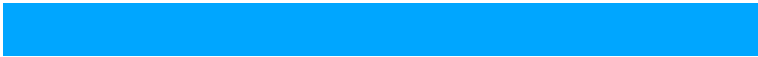
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CE8702



6BA61F



00A6FF



A181FD

Sweetspot

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



CE8702



FFE4B3



CE0249



807052



000000



808080

Same Dimension

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



CE8702



FFA600



AFCE02



66625C



A66C00



261900

Inverse Universe

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



0249CE



0059FF



2102CE



5C5F66



003AA6



000D26

Previews

White Background



This preview shows how the Hex color CE8702 looks on a white background.

Color Contrast Check

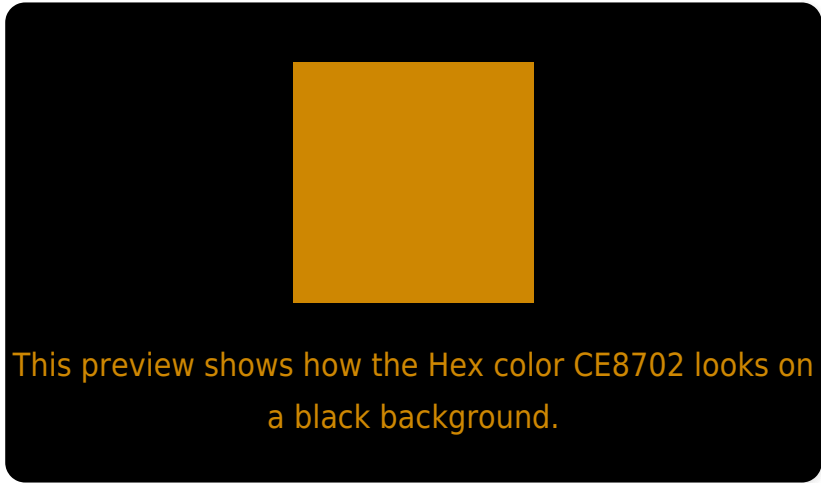
Large Text (above 18pt) WCAG AA × Fail

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 CE8702 Background



This preview shows how black text looks on a background with the Hex color CE8702.



This preview shows how white text looks on a background with the Hex color CE8702.

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
CE8702

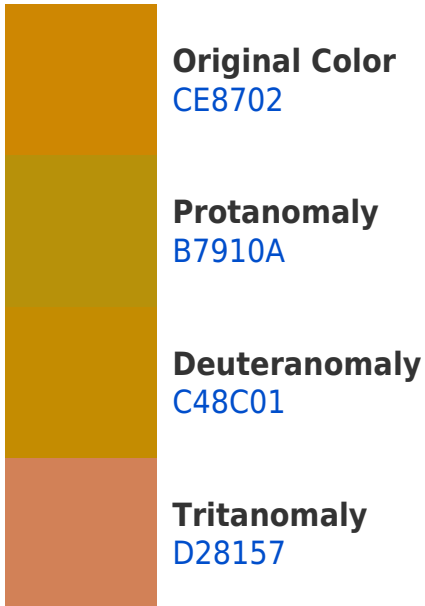
Protanopia
AA970E

Deuteranopia
BE8F00



Tritanopia
D47D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE8702 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 #CE8702 looks like.

```
.text, #text, p{  
    color:#CE8702  
}
```

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 #CE8702 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE8702
}
```

Border

The CSS property to change the border of an element to Hex CE8702 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
#CE8702 }
```

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

```
.border{ border-color:#CE8702 }
```

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

Here you see how a box with a 4 pixel #CE8702 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE8702; -webkit-box-shadow:4px 4px  
4px 4px #CE8702; box-shadow:4px 4px 4px  
4px #CE8702 }
```

Background

The CSS property to change the background color of an element to Hex CE8702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE8702 }
```

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

```
.background{ background-color:#CE8702 }
```

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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