

Converting Colors

Hex(CE9840)

Have a look what the booklet for
Hex(CE9840) contains.

Hex(CE9840)	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(CE9840)

Conversions

Conversions Part 1

Format	Color
Hex	CE9840
RGB	206, 152, 64
RGB Percent	81%, 60%, 25%
CMY	0.1922, 0.4039, 0.7490
CMYK	0.00, 0.26, 0.69, 0.19
HSL	37°, 59%, 53%
HSV	37°, 69%, 81%
XYZ	37.6072, 35.9484, 9.8071
YIQ	158.1140, 60.4320, -15.9200

Conversions

Conversions Part 2

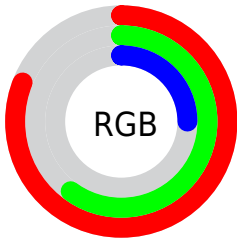
Format	Color
RYB	151, 206, 64
Decimal	13539392
CIELab	66.48, 11.55, 52.56
CIELCh	66, 53.810, 77.606
Yxy	35.9484, 0.4511, 0.4312
Android (android.graphics.Color)	4291729472 (0xFFCE9840)
YUV	158.1140, -46.3982, 41.9960
Hunter-Lab	59.9570, 7.0370, 32.2719

Details

The Hex color **CE9840** 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 **4076CE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFCE74**, and **946505** is the 20% darker color. If you saturate the color by 10%, you get **CE902B**, and if you desaturate by 10%, it is **CEA055**.

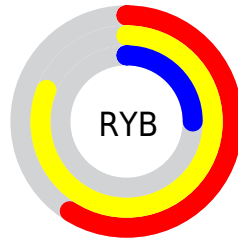
Distribution



Red (81%)

Green (60%)

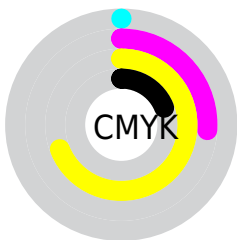
Blue (25%)



Red (59%)

Yellow (81%)

Blue (25%)

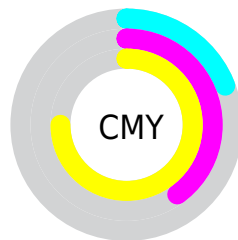


Cyan (0%)

Magenta (26%)

Yellow (69%)

Black (19%)



Cyan (19%)

Magenta (40%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE9840 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 CE9840 by changing the saturation by 10% instead.

 CE9840

 CE9840

FFFFFF

 B17E26

 FFCE74

 946505

 FFEA8E

 774D00

 FFFFAA

 5C3700

 FFFFC6

 402100

 FFFFEE

 270D00

 000000

 CE9840

 CE9840

 CE902B

 CEA055

 CE8817

 CEA869

 CE8002

 CEB07E

 CE8000

 CEB792

 CEBFA7

 CEC7BC

 CECFD0

 CED7E5

 CEDFF9

Harmonies

Analogous

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



EE865C



CE9840



A1A840

Triad

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



CE9840



00BABD



C989E3

Complementary

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



CE9840



4076CE

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.



829DFE



CE9840



00B6E8

Square

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



CE9840



00B88B



00ADFF



F07AB8

Rectangle

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



CE9840



7EB051



00ADFF



B590EF

Sweetspot

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



CE9840



FFEBC9



CE4076



807360



000000



808080

Same Dimension

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



CE9840



FFAF2B



BDCE40



66625C



A66700



261800

Inverse Universe

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



4076CE



2B7CFF



5140CE



5C6066



003FA6



000F26

Previews

White Background



This preview shows how the Hex color CE9840 looks on a white background.

Color Contrast Check

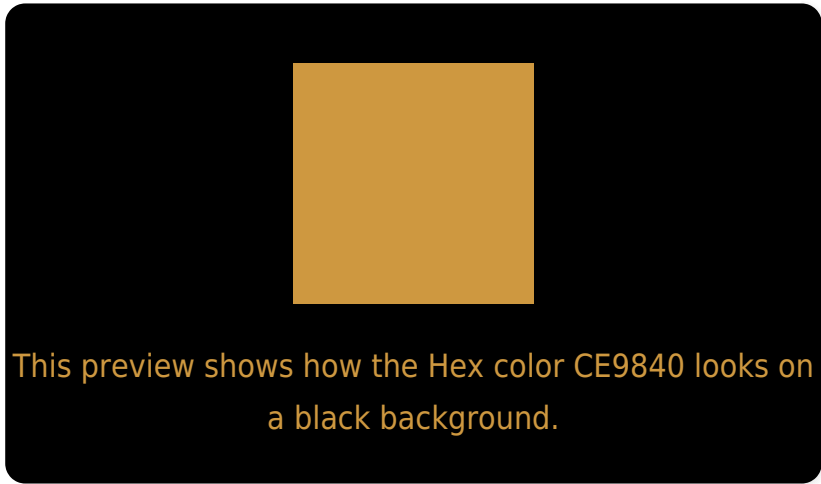
Large Text (above 18pt) WCAG AA × Fail

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

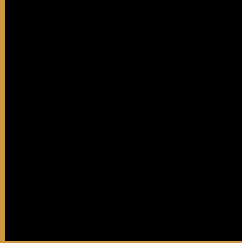
Any Text WCAG AA ✓ Pass

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 CE9840 Background



This preview shows how black text looks on a background with the Hex color CE9840.

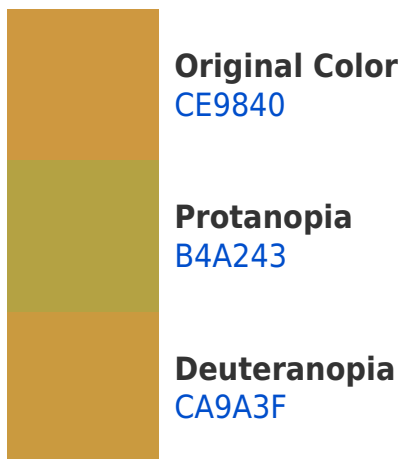


This preview shows how white text looks on a background with the Hex color CE9840.

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](#).

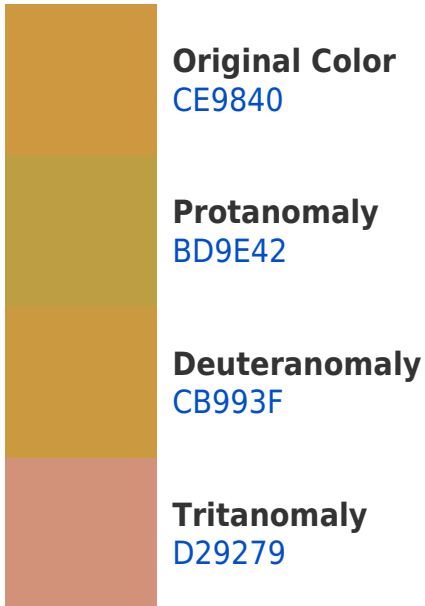
Dichromacy





Tritanopia
D48F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE9840 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 #CE9840 looks like.

```
.text, #text, p{  
    color:#CE9840  
}
```

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 #CE9840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9840
}
```

Border

The CSS property to change the border of an element to Hex CE9840 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
#CE9840 }
```

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

```
.border{ border-color:#CE9840 }
```

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

Here you see how a box with a 4 pixel #CE9840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9840; -webkit-box-shadow:4px 4px  
4px 4px #CE9840; box-shadow:4px 4px 4px  
4px #CE9840 }
```

Background

The CSS property to change the background color of an element to Hex CE9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9840 }
```

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

```
.background{ background-color:#CE9840 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor