

# Converting Colors

Hex(CE8500)

Have a look what the booklet for  
Hex(CE8500) contains.

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**Color**

**Hex(CE8500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE8500
RGB	206, 133, 0
RGB Percent	81%, 52%, 0%
CMY	0.1922, 0.4784, 1.0000
CMYK	0.00, 0.35, 1.00, 0.19
HSL	39°, 100%, 40%
HSV	39°, 100%, 81%
XYZ	33.8411, 29.8969, 3.9871
YIQ	139.6650, 86.2010, -25.8870

# Conversions

## Conversions Part 2

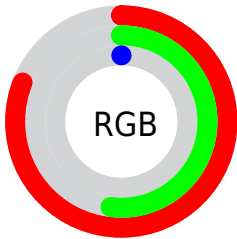
Format	Color
R <sub>Y</sub> B	113, 206, 0
Decimal	13534464
CIE Lab	61.57, 20.05, 67.32
CIE LCh	62, 70.241, 73.415
Yxy	29.8969, 0.4997, 0.4414
Android (android.graphics.Color)	4291724544 (0xFFCE8500)
YUV	139.6650, -68.8548, 58.1758
Hunter-Lab	54.6780, 14.7900, 33.9513

# Details

The Hex color **CE8500** 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 **0049CE**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFBA47**, and **925300** is the 20% darker color. If you saturate the color by 10%, you get **CE8500**, and if you desaturate by 10%, it is **CE8C15**.

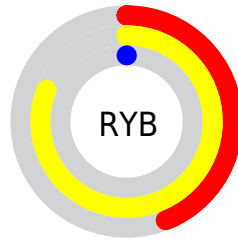
# Distribution



Red (81%)

Green (52%)

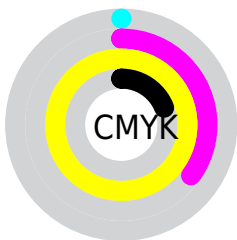
Blue (0%)



Red (44%)

Yellow (81%)

Blue (0%)

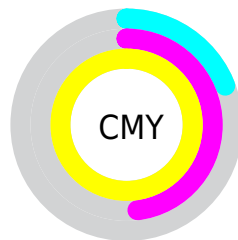


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (48%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE8500 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 CE8500 by changing the saturation by 10% instead.



 CE8500

 CE8500

FFFFFF

 AF6C00

 FFBA47

 925300

 FFD662

 743C00

 FFF27D

 572600

 FFFF99

 3C1100

 FFFFB5

 250000

 FFFFD2

 000000

 FFFFEE

 CE8500

 CE8C15

 CE9429

 CE9B3E

 CEA252

 CEAA67

 CEB17C

 CEB890

 CEBFA5

 CEC7B9

# Harmonies

## Analogous

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



F46A41



CE8500



989A00

# Triad

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



CE8500



00B1B0



BA77F0

# Complementary

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



CE8500



0049CE

# 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.



3A93FF



CE8500



00AFE9

# Square

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



CE8500



00AF6F



00A5FF



F25BBA

# Rectangle

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



CE8500



6BA41B



00A5FF



9D81FD



# Sweetspot

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



CE8500



FFE4B3



CE004C



806F52



000000



808080



# Same Dimension

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



CE8500



FFA500



B3CE00



66625C



A66B00



261900



# Inverse Universe

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



0049CE



005AFF



1B00CE



5C5F66



003BA6



000E26



# Previews

## White Background



This preview shows how the Hex color CE8500 looks on a white background.

## Color Contrast Check

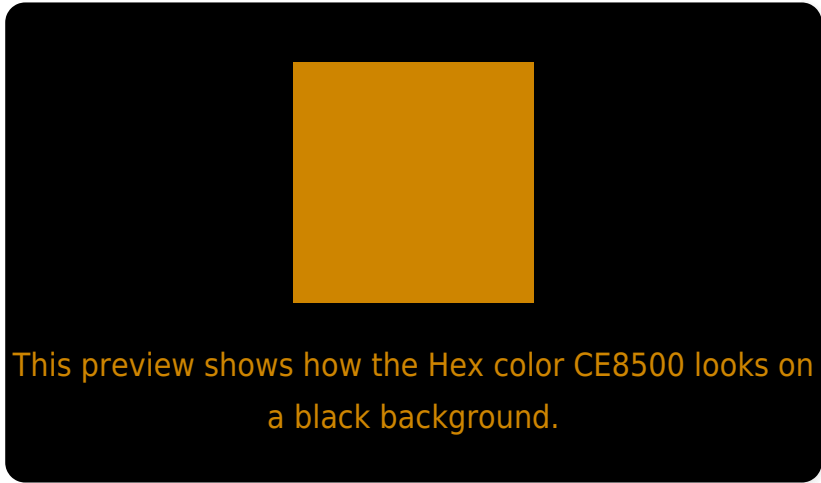
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE8500 Background



This preview shows how black text looks on a background with the Hex color CE8500.

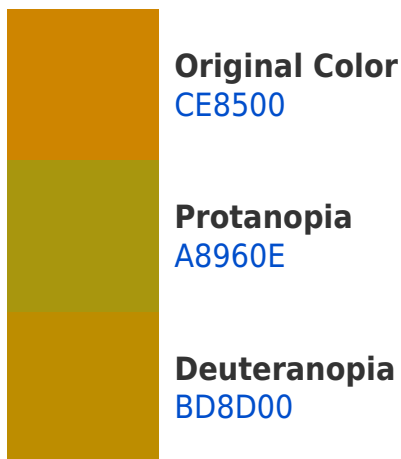


This preview shows how white text looks on a background with the Hex color CE8500.

# 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](#).

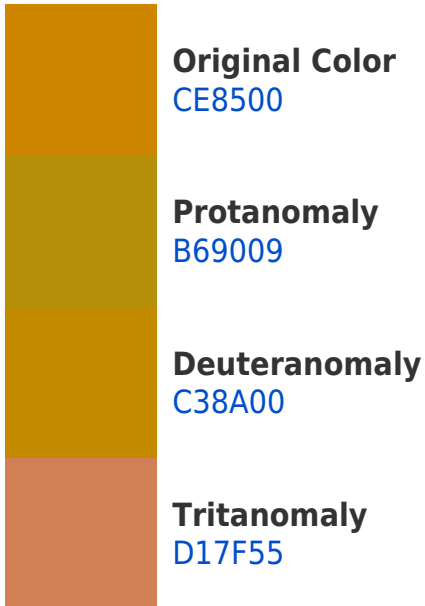
## Dichromacy





**Tritanopia**  
D37C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE8500 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 #CE8500 looks like.

```
.text, #text, p{  
    color:#CE8500  
}
```

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 #CE5000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE5000
}
```

## Border

The CSS property to change the border of an element to Hex CE5000 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
#CE5000 }
```

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

```
.border{ border-color:#CE8500 }
```

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

Here you see how a box with a 4 pixel #CE8500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE8500; -webkit-box-shadow:4px 4px  
4px 4px #CE8500; box-shadow:4px 4px 4px  
4px #CE8500 }
```

# Background

The CSS property to change the background color of an element to Hex CE8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE8500 }
```

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

```
.background{ background-color:#CE8500 }
```

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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