

Converting Colors

Hex(CEA850)

Have a look what the booklet for
Hex(CEA850) contains.

Hex(CEA850)	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(CEA850)

Conversions

Conversions Part 1

Format	Color
Hex	CEA850
RGB	206, 168, 80
RGB Percent	81%, 66%, 31%
CMY	0.1922, 0.3412, 0.6863
CMYK	0.00, 0.18, 0.61, 0.19
HSL	42°, 56%, 56%
HSV	42°, 61%, 81%
XYZ	40.9042, 41.7063, 13.4836
YIQ	169.3300, 50.8960, -19.3120

Conversions

Conversions Part 2

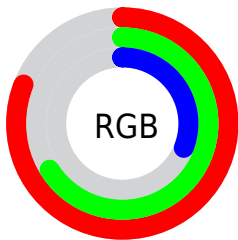
Format	Color
RYB	134, 206, 80
Decimal	13543504
CIELab	70.67, 3.93, 49.74
CIELCh	71, 49.894, 85.485
Yxy	41.7063, 0.4257, 0.4340
Android (android.graphics.Color)	4291733584 (0xFFCEA850)
YUV	169.3300, -44.0397, 32.1596
Hunter-Lab	64.5804, 0.0434, 32.8272

Details

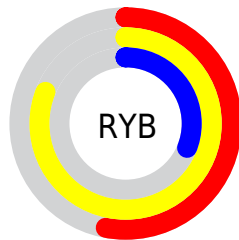
The Hex color **CEA850** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5076CE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDF84**, and **95741C** is the 20% darker color. If you saturate the color by 10%, you get **CEA23B**, and if you desaturate by 10%, it is **CEAE65**.

Distribution



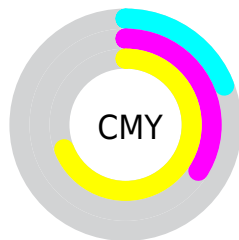
- Red (81%)
- Green (66%)
- Blue (31%)



- Red (53%)
- Yellow (81%)
- Blue (31%)



- Cyan (0%)
- Magenta (18%)
- Yellow (61%)
- Black (19%)



- Cyan (19%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEA850 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 CEA850 by changing the saturation by 10% instead.

 CEA850

 CEA850

FFFFFF

 B18E37

 FFDF84

 95741C

 FFFB9F

 795C00

 FFFFBB

 5E4500

 FFFFD7

 432F00

 FFFFF4

 2A1A00

 0E0000

 000000

 CEA850

 CEA850

 CEA23B

 CEAE65

 CE9C27

 CEB479

 CE9512

 CEBB8E

 CE9000

 CEC1A2

 CEC7B7

 CECDCC

 CED3E0

 CEDAF5

 CEE0FF

Harmonies

Analogous

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



F09763



CEA850



A1B658

Triad

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



CEA850



00C4D3



DF92E1

Complementary

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



CEA850



5076CE

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.



A6A4FF



CEA850



00BFF7

Square

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



CEA850



00C4A4



49B4FF



FD87B6

Rectangle

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



CEA850



7EBD6B



49B4FF



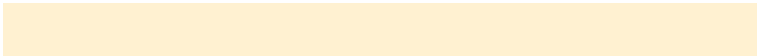
CF98ED

Sweetspot

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



CEA850



FFF1D1



CE5078



807763



000000



808080

Same Dimension

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



CEA850



FFC745



B7CE50



66635C



A67400



261B00

Inverse Universe

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



5076CE



457DFF



6750CE



5C5F66



0032A6



000C26

Previews

White Background



This preview shows how the Hex color CEA850 looks on a white background.

Color Contrast Check

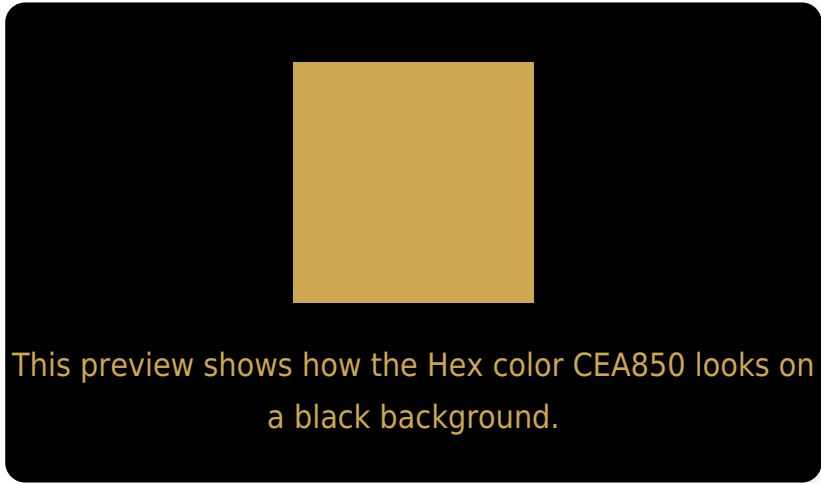
Large Text (above 18pt) WCAG AA × Fail

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 CEA850 Background



This preview shows how black text looks on a background with the Hex color CEA850.



This preview shows how white text looks on a background with the Hex color CEA850.

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
CEA850

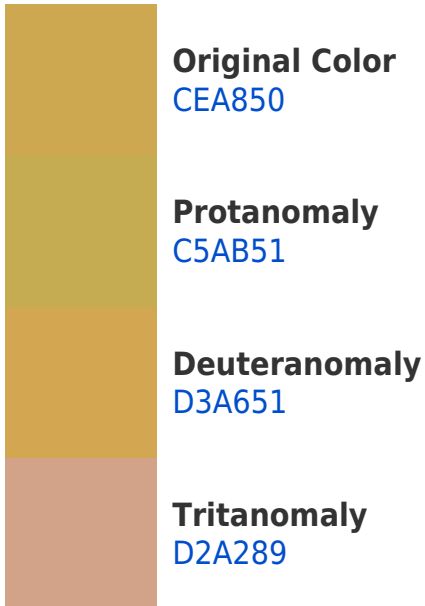
Protanopia
C0AD52

Deuteranopia
D6A551

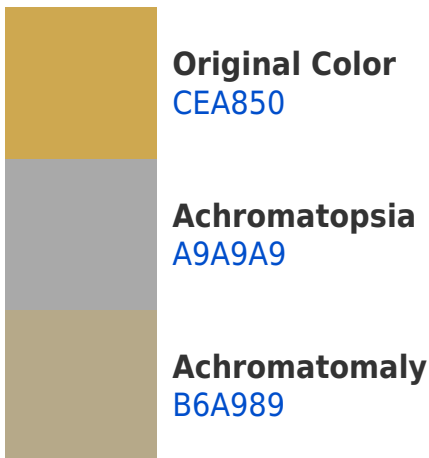


Tritanopia
D59EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEA850 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 #CEA850 looks like.

```
.text, #text, p{  
    color:#CEA850  
}
```

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 #CEA850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA850
}
```

Border

The CSS property to change the border of an element to Hex CEA850 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
#CEA850 }
```

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

```
.border{ border-color:#CEA850 }
```

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

Here you see how a box with a 4 pixel #CEA850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA850; -webkit-box-shadow:4px 4px  
4px 4px #CEA850; box-shadow:4px 4px 4px  
4px #CEA850 }
```

Background

The CSS property to change the background color of an element to Hex CEA850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA850 }
```

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

```
.background{ background-color:#CEA850 }
```

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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