

# Converting Colors

Hex(CB855E)

Have a look what the booklet for  
Hex(CB855E) contains.

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**Color**

**Hex(CB855E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB855E
RGB	203, 133, 94
RGB Percent	80%, 52%, 37%
CMY	0.2039, 0.4784, 0.6314
CMYK	0.00, 0.34, 0.54, 0.20
HSL	21°, 51%, 58%
HSV	21°, 54%, 80%
XYZ	35.0365, 30.2797, 14.5876
YIQ	149.4840, 54.2390, 2.7110

# Conversions

## Conversions Part 2

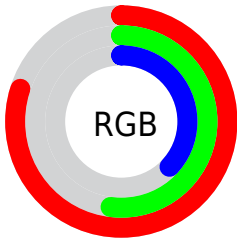
Format	Color
<a href="#">RYB</a>	<a href="#">203, 155, 94</a>
Decimal	<a href="#">13337950</a>
CIELab	<a href="#">61.89, 22.75, 31.96</a>
CIElCh	<a href="#">62, 39.235, 54.554</a>
Yxy	<a href="#">30.2797, 0.4385, 0.3790</a>
Android (android.graphics.Color)	<a href="#">4291528030 (0xFFCB855E)</a>
YUV	<a href="#">149.4840, -27.3536, 46.9335</a>
Hunter-Lab	<a href="#">55.0270, 17.3563, 22.8012</a>

# Details

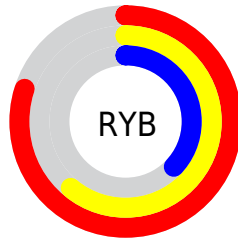
The Hex color **CB855E** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5EA4CB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFBA91**, and **91532F** is the 20% darker color. If you saturate the color by 10%, you get **CB784A**, and if you desaturate by 10%, it is **CB9272**.

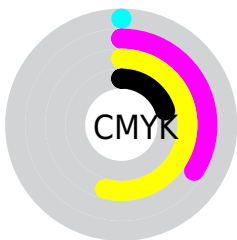
# Distribution



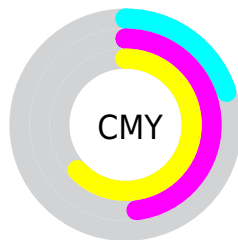
- Red (80%)
- Green (52%)
- Blue (37%)



- Red (80%)
- Yellow (61%)
- Blue (37%)



- Cyan (0%)
- Magenta (34%)
- Yellow (54%)
- Black (20%)



- Cyan (20%)
- Magenta (48%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB855E 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 CB855E by changing the saturation by 10% instead.



 CB855E

 CB855E

FFFFFF

 AE6B46

 FFBA91

 91532F

 FFD6AC

 763B18

 FFF3C7

 5A2500

 FFFFE3

 400E00

 280000

 000000

 CB855E

 CB855E

 CB784A

 CB9272

 CB6B35

 CB9F87

 CB5E21

 CBAC9B

 CB510D

 CBB9AF

 CB4900

 CBC6C4

 CBD3D8

 CBE0EC

 CBEDFF

 CBFAFF

# Harmonies

## Analogous

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



D87B7A



CB855E



B1914F

# Triad

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



CB855E



2EA78E



8F8FD5

# Complementary

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



CB855E



5EA4CB

# 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.



519BDA



CB855E



00A7B1

# Square

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



CB855E



65A46C



00A3CD



BB82BE

# Rectangle

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



CB855E



9B9951



00A3CD



7D93D9

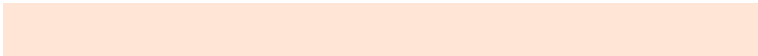


# Sweetspot

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



CB855E



FFE5D6



CB5EA5



807067



000000



808080



# Same Dimension

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



CB855E



FF965C



CBBB5E



665F5C



A63B00



260E00



# Inverse Universe

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



5EA4CB



5CC5FF



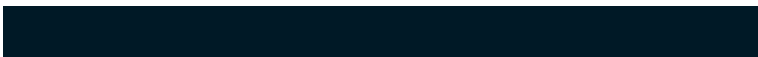
5E6ECB



5C6266



006AA6



001926



# Previews

## White Background



This preview shows how the Hex color CB855E looks on a white background.

## Color Contrast Check

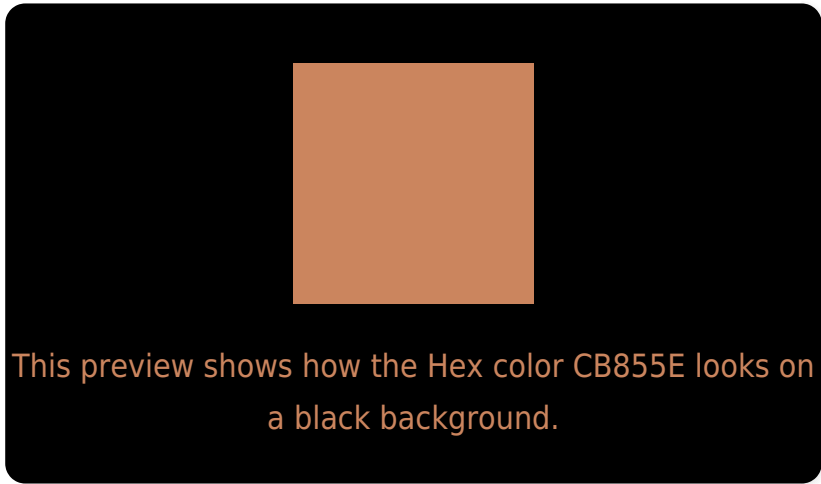
Large Text (above 18pt) WCAG AA × Fail

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

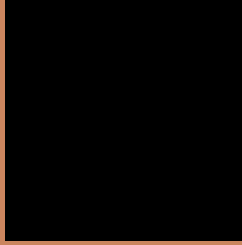
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CB855E Background



This preview shows how black text looks on a background with the Hex color CB855E.



This preview shows how white text looks on a background with the Hex color CB855E.

# 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**  
CB855E

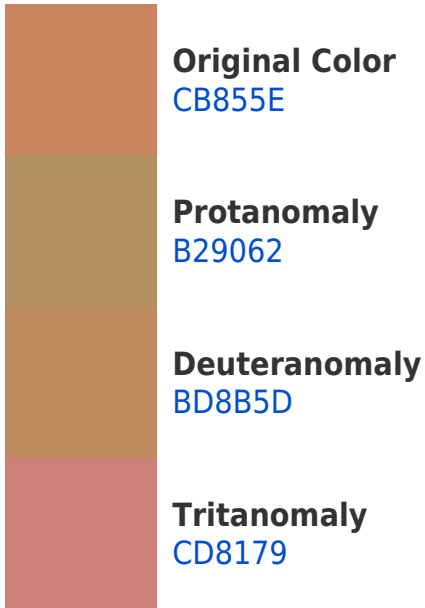
**Protanopia**  
A39665

**Deuteranopia**  
B58F5C



**Tritanopia**  
CE7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB855E 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 #CB855E looks like.

```
.text, #text, p{  
    color:#CB855E  
}
```

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 #CB855E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB855E  
}
```

## Border

The CSS property to change the border of an element to Hex CB855E 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  
#CB855E }
```

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

```
.border{ border-color:#CB855E }
```

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

Here you see how a box with a 4 pixel #CB855E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB855E; -webkit-box-shadow:4px 4px  
4px 4px #CB855E; box-shadow:4px 4px 4px  
4px #CB855E }
```

# Background

The CSS property to change the background color of an element to Hex CB855E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB855E }
```

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

```
.background{ background-color:#CB855E }
```

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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