

# Converting Colors

Hex(CE8682)

Have a look what the booklet for  
Hex(CE8682) contains.

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# **Color**

**Hex(CE8682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE8682
RGB	206, 134, 130
RGB Percent	81%, 53%, 51%
CMY	0.1922, 0.4745, 0.4902
CMYK	0.00, 0.35, 0.37, 0.19
HSL	3°, 44%, 66%
HSV	3°, 37%, 81%
XYZ	38.0080, 31.7837, 25.2507
YIQ	155.0720, 44.1960, 14.0200

# Conversions

## Conversions Part 2

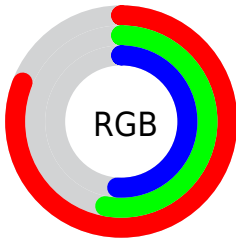
Format	Color
R <sub>Y</sub> B	206, 134, 130
Decimal	13534850
CIE Lab	63.16, 27.15, 13.61
CIE LCh	63, 30.367, 26.633
Yxy	31.7837, 0.3999, 0.3344
Android (android.graphics.Color)	4291724930 (0xFFCE8682)
YUV	155.0720, -12.3605, 44.6639
Hunter-Lab	56.3770, 21.6803, 12.9085

# Details

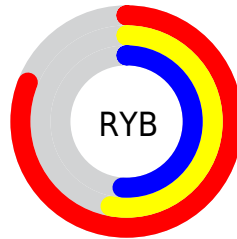
The Hex color **CE8682** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82CACE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFBCB7**, and **955351** is the 20% darker color. If you saturate the color by 10%, you get **CE726D**, and if you desaturate by 10%, it is **CE9A97**.

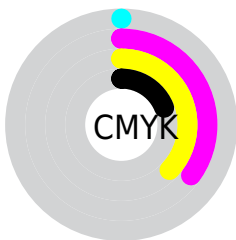
# Distribution



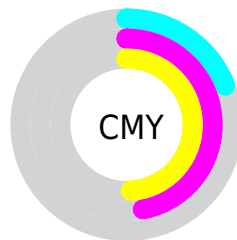
- Red (81%)
- Green (53%)
- Blue (51%)



- Red (81%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (37%)
- Black (19%)



- Cyan (19%)
- Magenta (47%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE8682 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 CE8682 by changing the saturation by 10% instead.



 CE8682

 CE8682

FFFFFF

 B16C69

 FFBCB7

 955351

 FFD8D2

 7A3B3A

 FFF4EF

 5F2424

 460C10

 2E0000

 000000

 CE8682

 CE8682

 CE726D

 CE9A97

 CE5F59

 CEADAB

 CE4B44

 CEC1C0

 CE3830

 CED4D4

 CE241B

 CEE8E9

 CE1106

 CEFBFE

 CE0B00

 CEFFFF

# Harmonies

## Analogous

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



CB859D



CE8682



C38D6D

# Triad

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



CE8682



73A47A



6F9CCE

# Complementary

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



CE8682



82CACE

# 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.



49A3C5



CE8682



53A795

# Square

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



CE8682



929F68



3CA7B0



9893C9

# Rectangle

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



CE8682



B69365



3CA7B0



619FCD

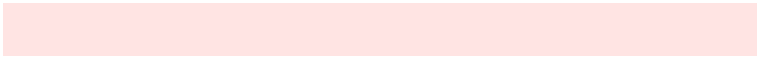


# Sweetspot

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



CE8682



FFE4E3



CE82CA



80706F



000000



808080



# Same Dimension

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



CE8682



FF958F



CEAC82



665C5C



A60900



260200



# Inverse Universe

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



82CACE



8FF9FF



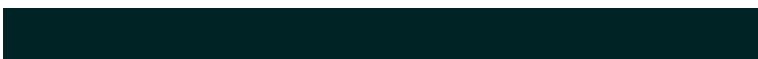
82A4CE



5C6566



009DA6

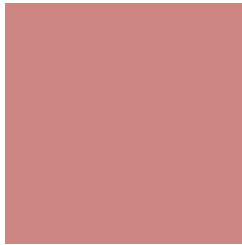


002426



# Previews

## White Background



This preview shows how the Hex color CE8682 looks on a white background.

## Color Contrast Check

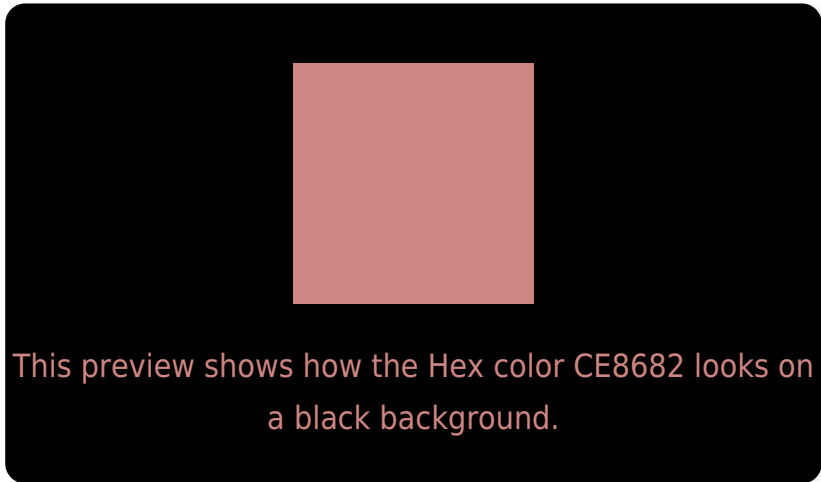
Large Text (above 18pt) WCAG AA × Fail

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 CE8682 Background



This preview shows how black text looks on a background with the Hex color CE8682.

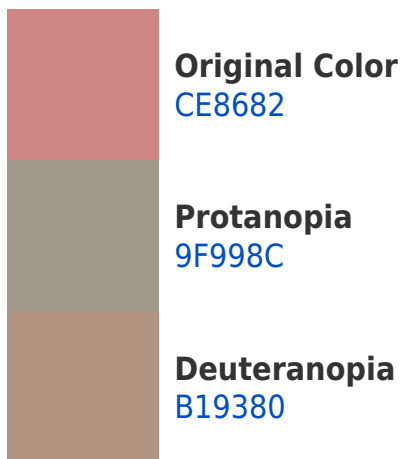


This preview shows how white text looks on a background with the Hex color CE8682.

# 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](#).

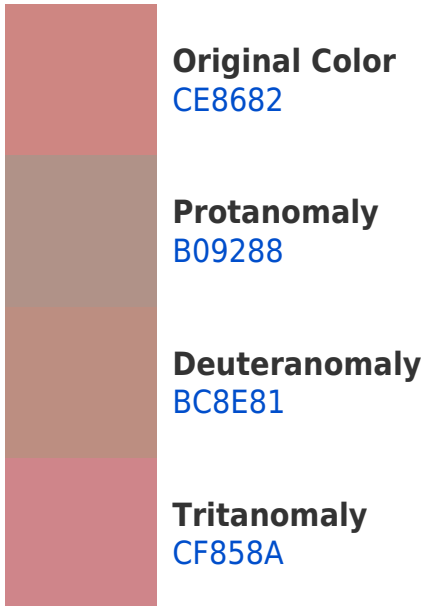
## Dichromacy



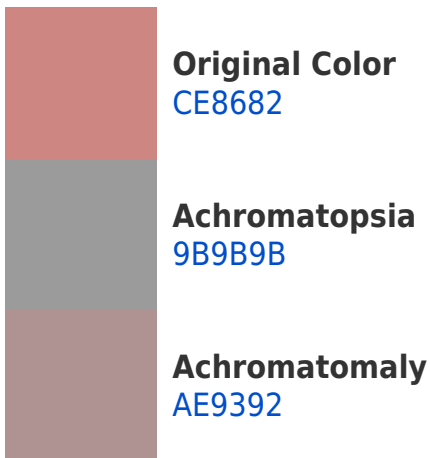


**Tritanopia**  
CF848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE8682 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 #CE8682 looks like.

```
.text, #text, p{  
    color:#CE8682  
}
```

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 #CE8682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE8682
}
```

## Border

The CSS property to change the border of an element to Hex CE8682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

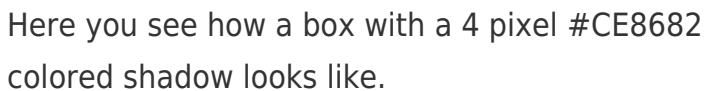
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE8682 }
```

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

```
.border{ border-color:#CE8682 }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a darker red color, extending 4 pixels from the bottom and right edges of the box.

Here you see how a box with a 4 pixel #CE8682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE8682; -webkit-box-shadow:4px 4px  
4px 4px #CE8682; box-shadow:4px 4px 4px  
4px #CE8682 }
```

# Background

The CSS property to change the background color of an element to Hex CE8682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE8682 }
```

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

```
.background{ background-color:#CE8682 }
```

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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