

# Converting Colors

Hex(CE836F)

Have a look what the booklet for  
Hex(CE836F) contains.

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# **Color**

**Hex(CE836F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE836F
RGB	206, 131, 111
RGB Percent	81%, 51%, 44%
CMY	0.1922, 0.4863, 0.5647
CMYK	0.00, 0.36, 0.46, 0.19
HSL	13°, 49%, 62%
HSV	13°, 46%, 81%
XYZ	36.4391, 30.5021, 19.0059
YIQ	151.1450, 51.1200, 9.6800

# Conversions

## Conversions Part 2

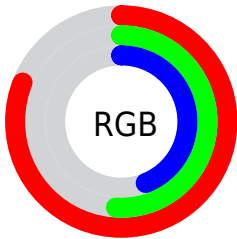
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 136, 111
Decimal	13534063
CIE <sub>Lab</sub>	62.09, 26.65, 22.86
CIE <sub>LCh</sub>	62, 35.112, 40.612
Yxy	30.5021, 0.4240, 0.3549
Android (android.graphics.Color)	4291724143 (0xFFCE836F)
YUV	151.1450, -19.7915, 48.1078
Hunter-Lab	55.2287, 21.1216, 18.2566

# Details

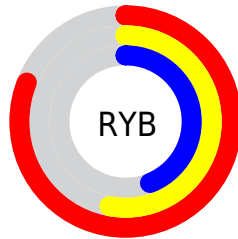
The Hex color **CE836F** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6FBACE**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB9A3**, and **95513F** is the 20% darker color. If you saturate the color by 10%, you get **CE735A**, and if you desaturate by 10%, it is **CE9384**.

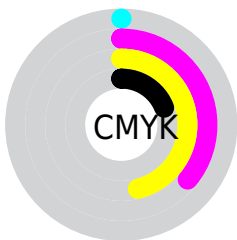
# Distribution



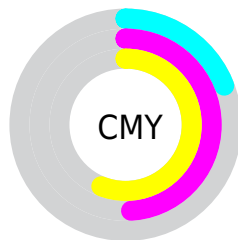
- Red (81%)
- Green (51%)
- Blue (44%)



- Red (81%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (36%)
- Yellow (46%)
- Black (19%)



- Cyan (19%)
- Magenta (49%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE836F 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 CE836F by changing the saturation by 10% instead.



 CE836F

 CE836F

FFFFFF

 B16956

 FFB9A3

 95513F

 FFD4BE

 793929

 FFF1DA

 5E2214

 FFFFF6

 440900

 2B0000

 000000

 CE836F

 CE836F

 CE735A

 CE9384

 CE6246

 CEA498

 CE5231

 CEB4AD

 CE421D

 CEC4C1

 CE3208

 CED4D6

 CE2B00

 CEE5EB

 CEF5FF

 CEFFFF

# Harmonies

## Analogous

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



D27E8C



CE836F



BC8D5C

# Triad

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



CE836F



56A580



7B95D3

# Complementary

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



CE836F



6FBACE

# 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.



439FD0



CE836F



26A7A0

# Square

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



CE836F



7DA066



00A5BE



A88AC5

# Rectangle

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



CE836F



AA9457



00A5BE



6999D4

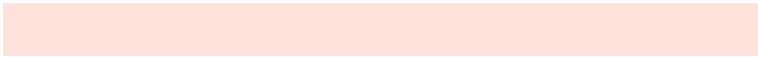


# Sweetspot

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



CE836F



FFE3DB



CE6FBB



806E6A



000000



808080



# Same Dimension

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



CE836F



FF9073



CEB26F



665E5C



A62300



260800



# Inverse Universe

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



6FBACE



73E1FF



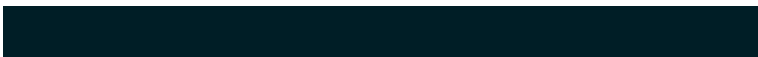
6F8BCE



5C6466



0083A6



001E26



# Previews

## White Background



This preview shows how the Hex color CE836F looks on a white background.

## Color Contrast Check

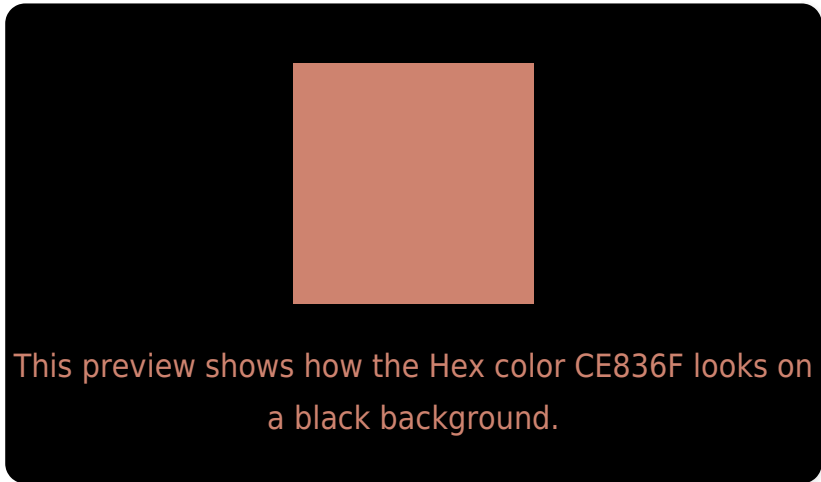
Large Text (above 18pt) WCAG AA × Fail

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

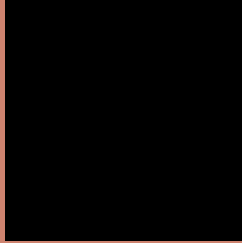
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CE836F Background



This preview shows how black text looks on a background with the Hex color CE836F.

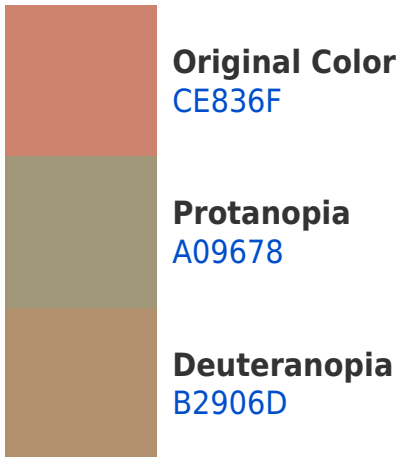


This preview shows how white text looks on a background with the Hex color CE836F.

# 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**  
D07F89

# Trichromacy



**Original Color**  
CE836F

**Protanomaly**  
B18F75

**Deuteranomaly**  
BC8B6E

**Tritanomaly**  
CF8080

# Monochromacy



**Original Color**  
CE836F

**Achromatopsia**  
979797

**Achromatomaly**  
AB9088

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE836F 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 #CE836F looks like.

```
.text, #text, p{  
    color:#CE836F  
}
```

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 #CE836F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE836F
}
```

## Border

The CSS property to change the border of an element to Hex CE836F 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
#CE836F }
```

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

```
.border{ border-color:#CE836F }
```

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

Here you see how a box with a 4 pixel #CE836F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE836F; -webkit-box-shadow:4px 4px  
4px 4px #CE836F; box-shadow:4px 4px 4px  
4px #CE836F }
```

# Background

The CSS property to change the background color of an element to Hex CE836F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE836F }
```

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

```
.background{ background-color:#CE836F }
```

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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