

Converting Colors

Hex(CEA67F)

Have a look what the booklet for
Hex(CEA67F) contains.

Hex(CEA67F)	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(CEA67F)

Conversions

Conversions Part 1

Format	Color
Hex	CEA67F
RGB	206, 166, 127
RGB Percent	81%, 65%, 50%
CMY	0.1922, 0.3490, 0.5020
CMYK	0.00, 0.19, 0.38, 0.19
HSL	30°, 45%, 65%
HSV	30°, 38%, 81%
XYZ	42.9206, 41.9266, 25.9091
YIQ	173.5140, 36.3590, -3.6490

Conversions

Conversions Part 2

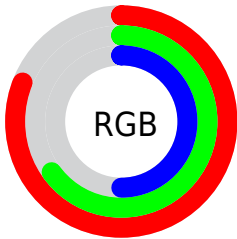
Format	Color
R_{YB}	206, 204, 127
Decimal	13543039
CIE _{Lab}	70.82, 9.38, 25.75
CIE _{LCh}	71, 27.408, 69.998
Yxy	41.9266, 0.3875, 0.3785
Android (android.graphics.Color)	4291733119 (0xFFCEA67F)
YUV	173.5140, -22.9314, 28.4902
Hunter-Lab	64.7507, 5.0065, 21.6014

Details

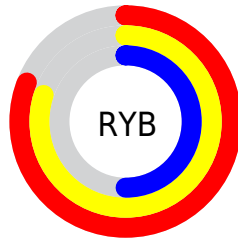
The Hex color **CEA67F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7FA7CE**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFDDB4**, and **96724D** is the 20% darker color. If you saturate the color by 10%, you get **CE9C6A**, and if you desaturate by 10%, it is **CEB094**.

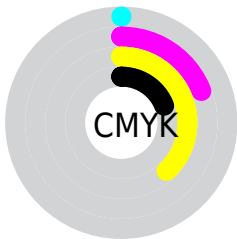
Distribution



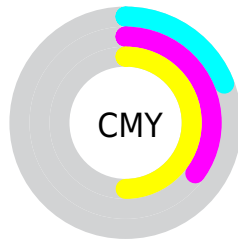
- Red (81%)
- Green (65%)
- Blue (50%)



- Red (81%)
- Yellow (80%)
- Blue (50%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (19%)



- Cyan (19%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEA67F 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 CEA67F by changing the saturation by 10% instead.

 CEA67F

 CEA67F

FFFFFF

 B28C66

 FFDB4

 96724D

 FFFAD0

 7B5A36

 FFFFEC

 614220

 482C0A

 301700

 170000

 000000

 CEA67F

 CEA67F

 CE9C6A

 CEB094

 CE9156

 CEBBA8

 CE8741

 CEC5BD

 CE7C2D

 CED0D1

 CE7218

 CEDAE6

 CE6703

 CEE5FB

 CE6600

 CEEFFF

 CEF9FF

 CEFFFF

Harmonies

Analogous

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



DD9F8E



CEA67F



B7AE7C

Triad

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



CEA67F



68BBB5



BCA4D4

Complementary

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



CEA67F



7FA7CE

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.



9AADDE



CEA67F



63BACC

Square

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



CEA67F



7FBA9B



77B4DB



D49DBF

Rectangle

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



CEA67F



A5B382



77B4DB



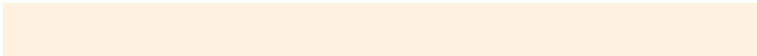
B1A7D8

Sweetspot

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



CEA67F



FFF0E0



CE7FA8



80766E



000000



808080

Same Dimension

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



CEA67F



FFC48A



CECD7F



66615C



A65200



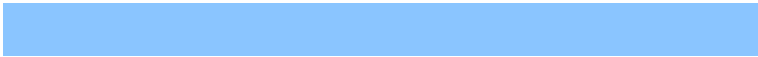
261300

Inverse Universe

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



7FA7CE



8AC5FF



7F80CE



5C6166



0054A6



001326

Previews

White Background



This preview shows how the Hex color CEA67F 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 CEA67F Background



This preview shows how black text looks on a background with the Hex color CEA67F.

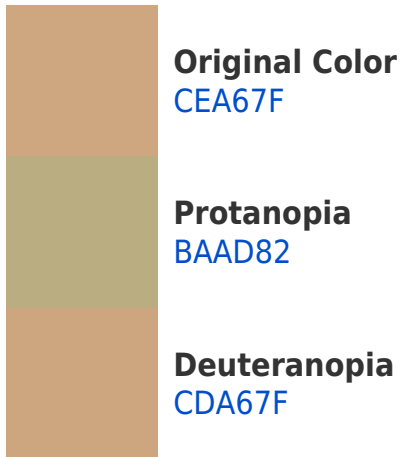


This preview shows how white text looks on a background with the Hex color CEA67F.

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](#).

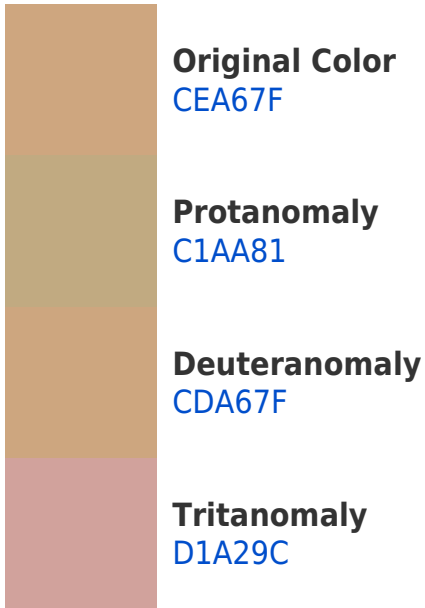
Dichromacy



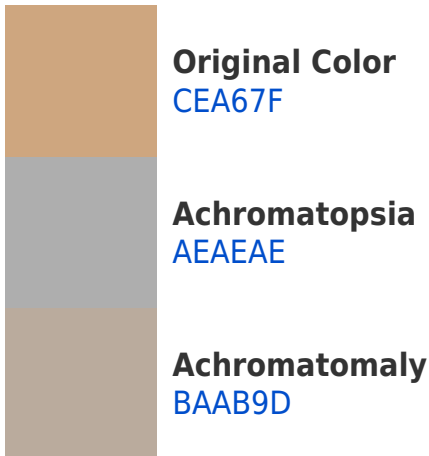


Tritanopia
D3A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEA67F 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 #CEA67F looks like.

```
.text, #text, p{  
    color:#CEA67F  
}
```

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 #CEA67F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA67F  
}
```

Border

The CSS property to change the border of an element to Hex CEA67F 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  
#CEA67F }
```

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

```
.border{ border-color:#CEA67F }
```

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

Here you see how a box with a 4 pixel #CEA67F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA67F; -webkit-box-shadow:4px 4px  
4px 4px #CEA67F; box-shadow:4px 4px 4px  
4px #CEA67F }
```

Background

The CSS property to change the background color of an element to Hex CEA67F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA67F }
```

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

```
.background{ background-color:#CEA67F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor