

# Converting Colors

Hex(CEA187)

Have a look what the booklet for  
Hex(CEA187) contains.

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**Color**

**Hex(CEA187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEA187
RGB	206, 161, 135
RGB Percent	81%, 63%, 53%
CMY	0.1922, 0.3686, 0.4706
CMYK	0.00, 0.22, 0.34, 0.19
HSL	22°, 42%, 67%
HSV	22°, 34%, 81%
XYZ	42.5716, 40.3608, 28.4683
YIQ	171.4910, 35.1660, 1.4540

# Conversions

## Conversions Part 2

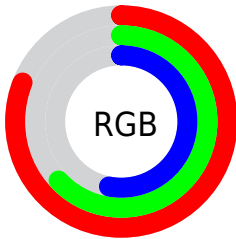
Format	Color
R <sub>Y</sub> B	206, 176, 135
Decimal	13541767
CIE Lab	69.73, 13.05, 19.91
CIE LCh	70, 23.810, 56.763
Yxy	40.3608, 0.3821, 0.3623
Android (android.graphics.Color)	4291731847 (0xFFCEA187)
YUV	171.4910, -17.9901, 30.2644
Hunter-Lab	63.5302, 8.4353, 17.9028

# Details

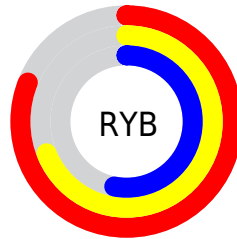
The Hex color **CEA187** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87B4CE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD8BC**, and **966D55** is the 20% darker color. If you saturate the color by 10%, you get **CE9472**, and if you desaturate by 10%, it is **CEAE9C**.

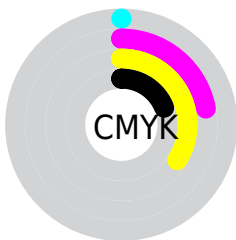
# Distribution



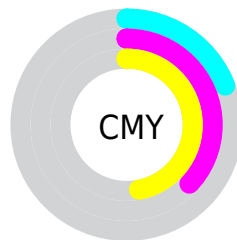
- Red (81%)
- Green (63%)
- Blue (53%)



- Red (81%)
- Yellow (69%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (34%)
- Black (19%)



- Cyan (19%)
- Magenta (37%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEA187 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 CEA187 by changing the saturation by 10% instead.



 CEA187

 CEA187

FFFFFF

 B2876E

 FFD8BC

 966D55


 FFF4D8

 7B553E

 FFFFF5

 613E28

 482813

 311300

 180001

 000000

 CEA187

 CEA187

 CE9472

 CEAE9C

 CE875E

 CE BBB0

 CE7A49

 CEC8C5

 CE6D35

 CED5D9

 CE6020

 CEE2EE

 CE530B

 CEEFFF

 CE4B00

 CEFCFF

 CEFFFF

# Harmonies

## Analogous

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



D69C98



CEA187



BDA87F

# Triad

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



CEA187



77B6A7



ABA6D1

# Complementary

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



CEA187



87B4CE

# 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.



8DADD5



CEA187



6CB6BD

# Square

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



CEA187



8DB492



74B3CE



C49FC2

# Rectangle

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



CEA187



AEAD81



74B3CE



A1A8D3

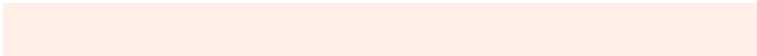


# Sweetspot

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



CEA187



FFEFE6



CE87B5



807670



000000



808080



# Same Dimension

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



CEA187



FFBD96



CEC387



66605C



A63D00



260E00

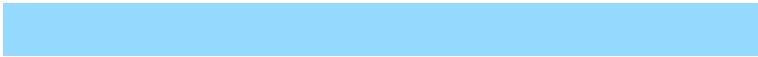


# Inverse Universe

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



87B4CE



96D9FF



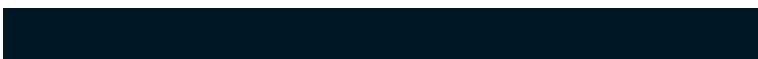
8792CE



5C6266



0069A6



001826



# Previews

## White Background



This preview shows how the Hex color CEA187 looks on a white background.

## Color Contrast Check

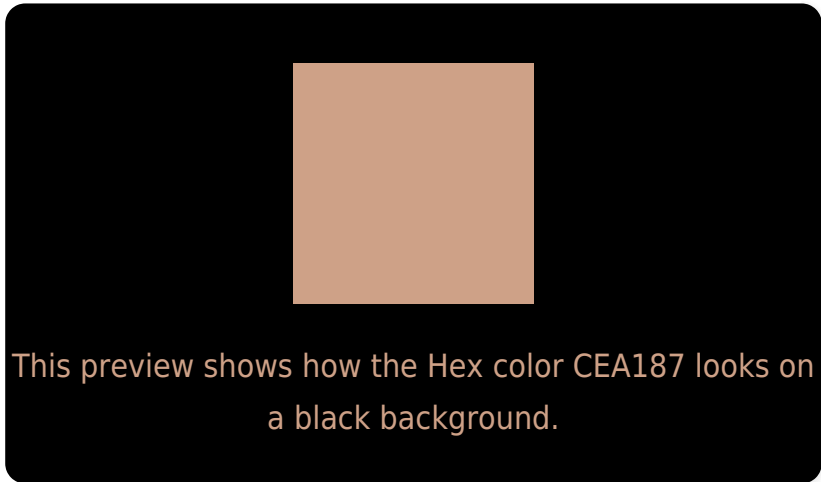
Large Text (above 18pt) WCAG AA × Fail

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

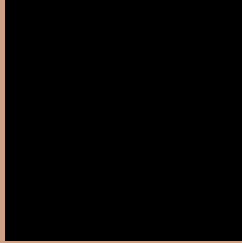
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEA187 Background



This preview shows how black text looks on a background with the Hex color CEA187.

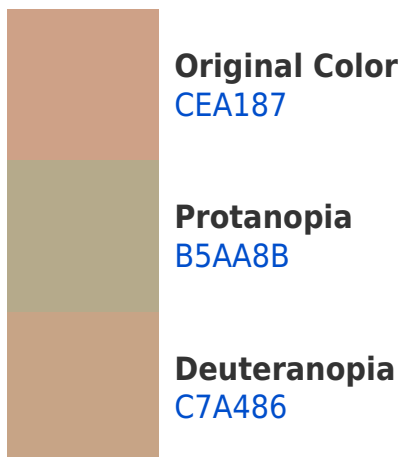


This preview shows how white text looks on a background with the Hex color CEA187.

# 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](#).

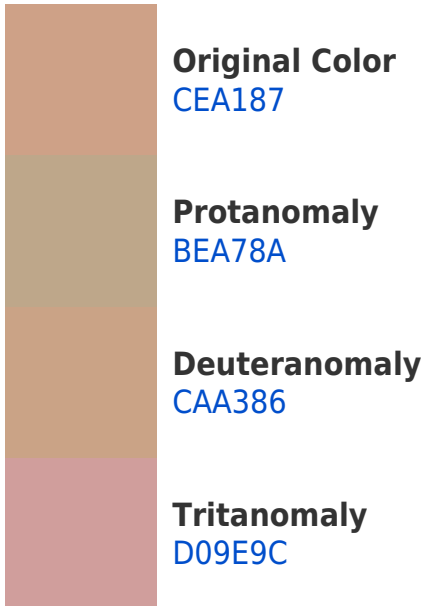
## Dichromacy





**Tritanopia**  
D19CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEA187 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 #CEA187 looks like.

```
.text, #text, p{  
    color:#CEA187  
}
```

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 #CEA187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA187
}
```

## Border

The CSS property to change the border of an element to Hex CEA187 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
#CEA187 }
```

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

```
.border{ border-color:#CEA187 }
```

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

Here you see how a box with a 4 pixel #CEA187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA187; -webkit-box-shadow:4px 4px  
4px 4px #CEA187; box-shadow:4px 4px 4px  
4px #CEA187 }
```

# Background

The CSS property to change the background color of an element to Hex CEA187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA187 }
```

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

```
.background{ background-color:#CEA187 }
```

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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