

Converting Colors

Hex(CEA983)

Have a look what the booklet for
Hex(CEA983) contains.

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Color

Hex(CEA983)

Conversions

Conversions Part 1

Format	Color
Hex	CEA983
RGB	206, 169, 131
RGB Percent	81%, 66%, 51%
CMY	0.1922, 0.3373, 0.4863
CMYK	0.00, 0.18, 0.36, 0.19
HSL	30°, 43%, 66%
HSV	30°, 36%, 81%
XYZ	43.7383, 43.1364, 27.4936
YIQ	175.7310, 34.2500, -3.9740

Conversions

Conversions Part 2

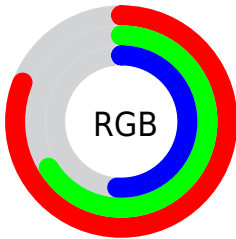
Format	Color
RYB	204, 206, 131
Decimal	13543811
CIELab	71.65, 8.23, 24.70
CIELCh	72, 26.040, 71.574
Yxy	43.1364, 0.3824, 0.3772
Android (android.graphics.Color)	4291733891 (0xFFCEA983)
YUV	175.7310, -22.0524, 26.5459
Hunter-Lab	65.6783, 3.9345, 21.1554

Details

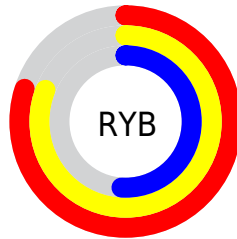
The Hex color **CEA983** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **83A8CE**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE0B8**, and **967551** is the 20% darker color. If you saturate the color by 10%, you get **CE9F6E**, and if you desaturate by 10%, it is **CEB398**.

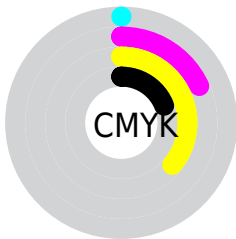
Distribution



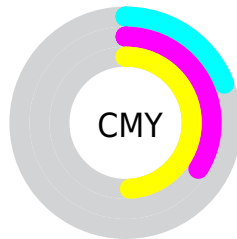
- Red (81%)
- Green (66%)
- Blue (51%)



- Red (80%)
- Yellow (81%)
- Blue (51%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (19%)



- Cyan (19%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEA983 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 CEA983 by changing the saturation by 10% instead.



CEA983



CEA983

FFFFFF



B28F6A



FFE0B8



967551



FFFDD4



7C5C3A



FFFFF0



614524



482F0E



311A00



180000



000000



CEA983



CEA983

 CE9F6E

 CEB398

 CE955A

 CEBDAC

 CE8B45

 CEC7C1

 CE8031

 CED2D5

 CE761C

 CEDCEA

 CE6C07

 CEE6FF

 CE6800

 CEF0FF

 CEFAFF

 CEFFFF

Harmonies

Analogous

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



DCA291



CEA983



B8B181

Triad

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



CEA983



6EBDB8



BFA6D3

Complementary

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



CEA983



83A8CE

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.



9FAFDE



CEA983



6BBBCE

Square

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



CEA983



82BCA0



7FB6DC



D6A0BF

Rectangle

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



CEA983



A6B687



7FB6DC



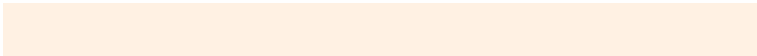
B5A9D8

Sweetspot

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



CEA983



FFF1E3



CE83A9



80776F



000000



808080

Same Dimension

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



CEA983



FFC88F



CECE83



66615C



A65400



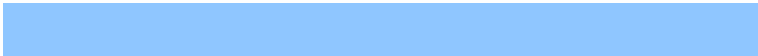
261300

Inverse Universe

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



83A8CE



8FC6FF



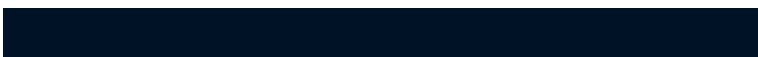
8383CE



5C6166



0052A6



001326

Previews

White Background



This preview shows how the Hex color CEA983 looks on a white background.

Color Contrast Check

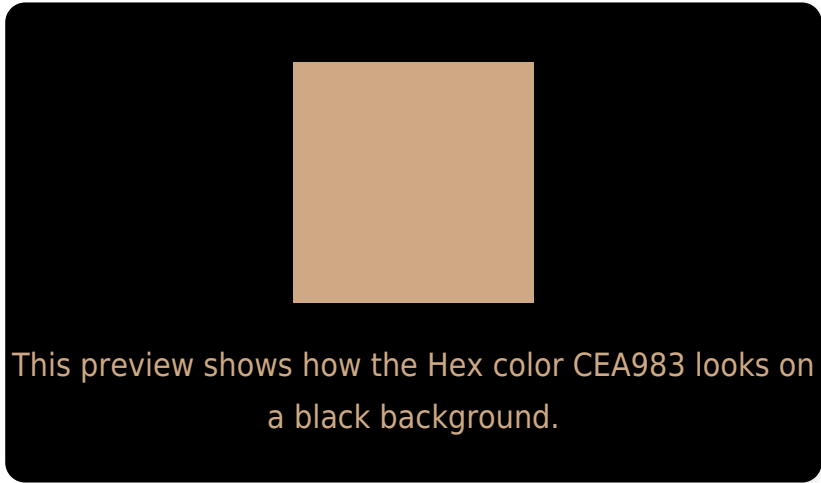
Large Text (above 18pt) WCAG AA × Fail

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

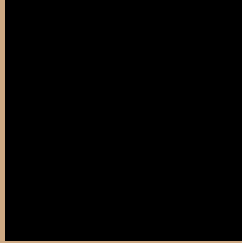
Any Text WCAG AA ✓ Pass

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 CEA983 Background



This preview shows how black text looks on a background with the Hex color CEA983.

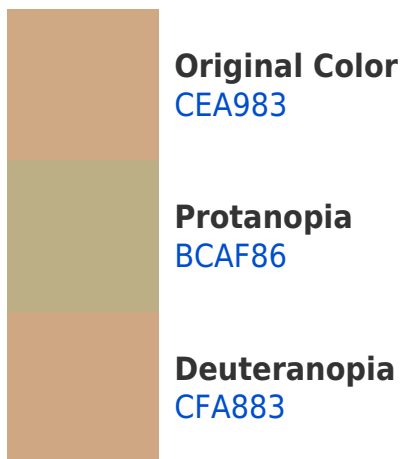



This preview shows how white text looks on a background with the Hex color CEA983.

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](#).

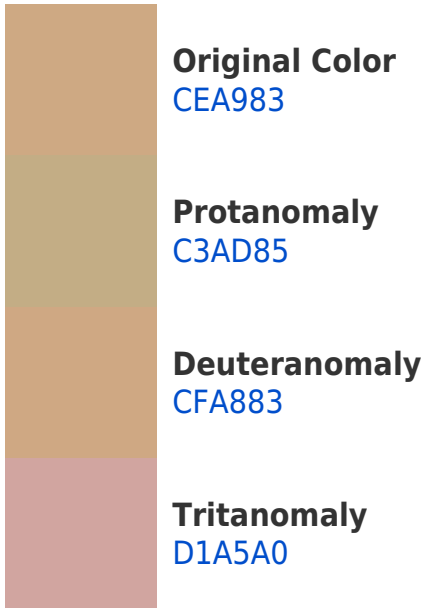
Dichromacy



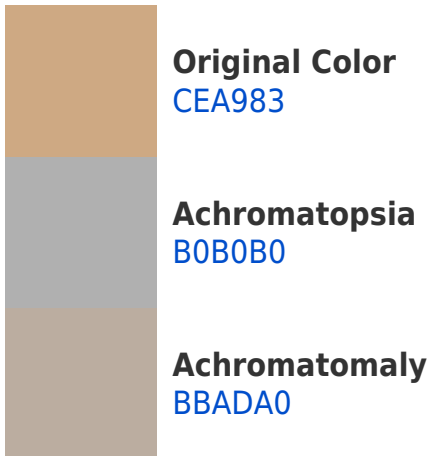


Tritanopia
D3A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEA983 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 #CEA983 looks like.

```
.text, #text, p{  
    color:#CEA983  
}
```

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 #CEA983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA983
}
```

Border

The CSS property to change the border of an element to Hex CEA983 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
#CEA983 }
```

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

```
.border{ border-color:#CEA983 }
```

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

Here you see how a box with a 4 pixel #CEA983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA983; -webkit-box-shadow:4px 4px  
4px 4px #CEA983; box-shadow:4px 4px 4px  
4px #CEA983 }
```

Background

The CSS property to change the background color of an element to Hex CEA983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA983 }
```

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

```
.background{ background-color:#CEA983 }
```

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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