

Converting Colors

Hex(CEC682)

Have a look what the booklet for
Hex(CEC682) contains.

Hex(CEC682)	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(CEC682)

Conversions

Conversions Part 1

Format	Color
Hex	CEC682
RGB	206, 198, 130
RGB Percent	81%, 78%, 51%
CMY	0.1922, 0.2235, 0.4902
CMYK	0.00, 0.04, 0.37, 0.19
HSL	54°, 44%, 66%
HSV	54°, 37%, 81%
XYZ	49.6769, 55.1217, 29.1404
YIQ	192.6400, 26.5960, -19.4520

Conversions

Conversions Part 2

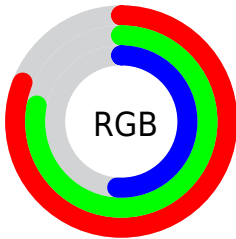
Format	Color
RYB	139, 206, 130
Decimal	13551234
CIELab	79.11, -7.21, 35.10
CIELCh	79, 35.830, 101.603
Yxy	55.1217, 0.3709, 0.4115
Android (android.graphics.Color)	4291741314 (0xFFCEC682)
YUV	192.6400, -30.8815, 11.7167
Hunter-Lab	74.2440, -10.4919, 28.6998

Details

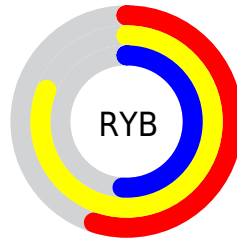
The Hex color **CEC682** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **828ACE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFFB8**, and **96904F** is the 20% darker color. If you saturate the color by 10%, you get **CEC46D**, and if you desaturate by 10%, it is **CEC897**.

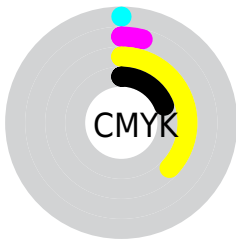
Distribution



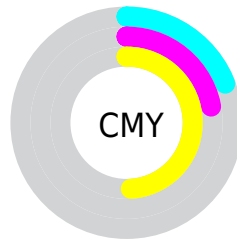
- Red (81%)
- Green (78%)
- Blue (51%)



- Red (55%)
- Yellow (81%)
- Blue (51%)



- Cyan (0%)
- Magenta (4%)
- Yellow (37%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEC682 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 CEC682 by changing the saturation by 10% instead.



CEC682



CEC682

FFFFFF



B2AB68



FFFFB8



96904F



FFFFD4



7C7737



FFFFF0



625E20



494706



313000



191C00



000000



CEC682



CEC682

 CEC46D

 CEC897

 CEC259

 CECAAB

 CEBF44

 CECDC0

 CEBD30

 CECFD4

 CEBB1B

 CED1E9

 CEB906

 CED3FE

 CEB800

 CED5FF

 CED7FF

 CEDAFF

Harmonies

Analogous

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



EDBB85



CEC682



A9CF91

Triad

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



CEC682



54D4EF



F9ADDA

Complementary

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



CEC682



828ACE

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.



D9B7F6



CEC682



78CDFF

Square

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



CEC682



5DD6D0



ABC3FF



FFABB8

Rectangle

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



CEC682



8FD3A3



ABC3FF



F0B0E4

Sweetspot

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



CEC682



FFFCE3



CE828B



807E6F



000000



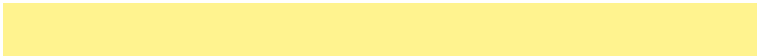
808080

Same Dimension

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



CEC682



FFF38F



B1CE82



66655C



A69400



262200

Inverse Universe

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



828ACE



8F9BFF



9F82CE



5C5D66



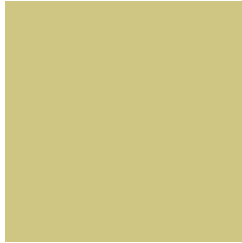
0011A6



000426

Previews

White Background



This preview shows how the Hex color CEC682 looks on a white background.

Color Contrast Check

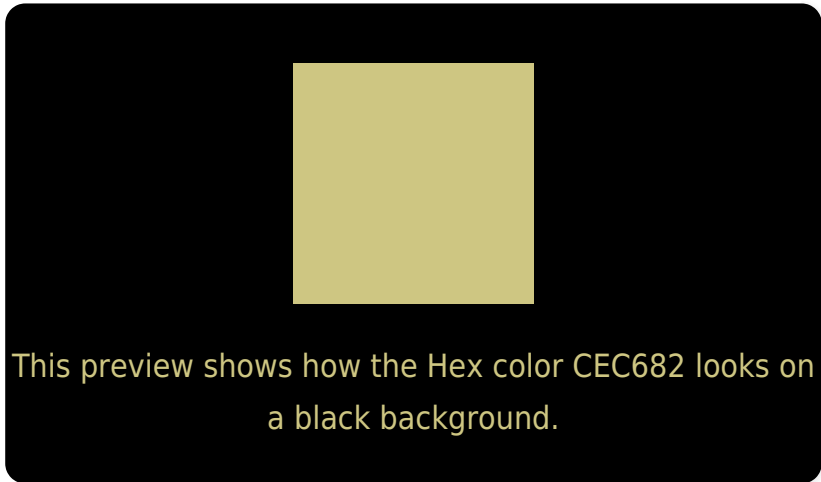
Large Text (above 18pt) WCAG AA × Fail

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

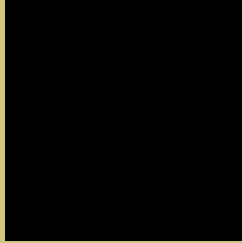
Any Text WCAG AA ✓ Pass

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 CEC682 Background



This preview shows how black text looks on a background with the Hex color CEC682.



This preview shows how white text looks on a background with the Hex color CEC682.

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



Original Color
CEC682

Protanopia
D5C481

Deuteranopia
EABB84

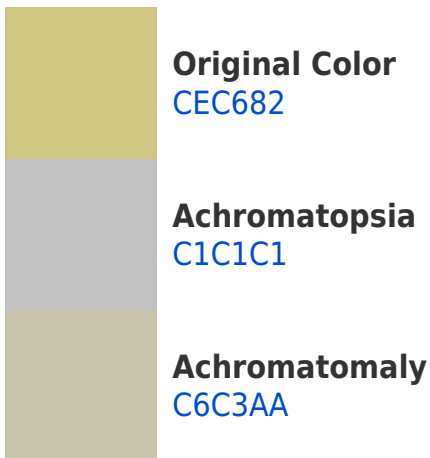


Tritanopia
D6BDCC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEC682 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 #CEC682 looks like.

```
.text, #text, p{  
    color:#CEC682  
}
```

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 #CEC682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC682
}
```

Border

The CSS property to change the border of an element to Hex CEC682 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
#CEC682 }
```

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

```
.border{ border-color:#CEC682 }
```

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

Here you see how a box with a 4 pixel #CEC682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC682; -webkit-box-shadow:4px 4px  
4px 4px #CEC682; box-shadow:4px 4px 4px  
4px #CEC682 }
```

Background

The CSS property to change the background color of an element to Hex CEC682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC682 }
```

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

```
.background{ background-color:#CEC682 }
```

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