

Converting Colors

Hex(CACA80)

Have a look what the booklet for
Hex(CACA80) contains.

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Color

Hex(CACA80)

Conversions

Conversions Part 1

Format	Color
Hex	CACA80
RGB	202, 202, 128
RGB Percent	79%, 79%, 50%
CMY	0.2078, 0.2078, 0.4980
CMYK	0.00, 0.00, 0.37, 0.21
HSL	60°, 41%, 65%
HSV	60°, 37%, 79%
XYZ	49.3739, 56.3561, 28.6976
YIQ	193.5640, 23.7540, -23.0140

Conversions

Conversions Part 2

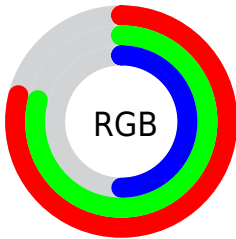
Format	Color
RYB	128, 202, 128
Decimal	13290112
CIELab	79.82, -11.06, 36.97
CIELCh	80, 38.590, 106.662
Yxy	56.3561, 0.3673, 0.4192
Android (android.graphics.Color)	4291480192 (0xFFCACA80)
YUV	193.5640, -32.3231, 7.3984
Hunter-Lab	75.0707, -13.9745, 29.8845

Details

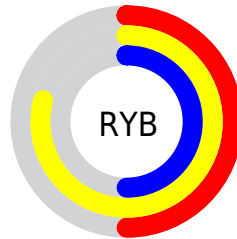
The Hex color **CACA80** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8080CA**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFFB6**, and **93944D** is the 20% darker color. If you saturate the color by 10%, you get **CACA6C**, and if you desaturate by 10%, it is **CACA94**.

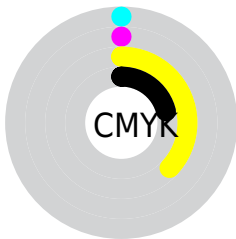
Distribution



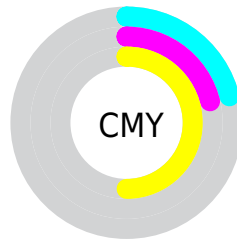
- Red (79%)
- Green (79%)
- Blue (50%)



- Red (50%)
- Yellow (79%)
- Blue (50%)



- Cyan (0%)
- Magenta (0%)
- Yellow (37%)
- Black (21%)



- Cyan (21%)
- Magenta (21%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color CACA80 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 CACA80 by changing the saturation by 10% instead.



CACA80



CACA80

FFFFFF



AEAF66



FFFFB6



93944D



FFFFD2



787A35



FFFEE



5E621D



454A03



2E3300



161E00



000000



CACA80



CACA80

 CACA6C

 CACA94

 CACA58

 CACAA8

 CACA43

 CACABD

 CACA2F

 CACAD1

 CACA1B

 CACAE5

 CACA07

 CACAF9

 CACA00

 CACAFF

Harmonies

Analogous

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



EDBE80



CACA80



A1D393

Triad

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



CACA80



49D6F9



FFACD7

Complementary

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



CACA80



8080CA

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.



E3B5F8



CACA80



7ACEFF

Square

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



CACA80



4CD9D9



B3C2FF



FFABB3

Rectangle

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



CACA80



84D7A8



B3C2FF



FAAFE3

Sweetspot

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



CACA80



FFFFE3



CA8080



80806F



000000



808080

Same Dimension

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



CACA80



FFFF8F



A5CA80



66665C



A6A600



262600

Inverse Universe

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



8080CA



8F8FFF



A580CA



5C5C66



0000A6



000026

Previews

White Background



This preview shows how the Hex color CACA80 looks on a white background.

Color Contrast Check

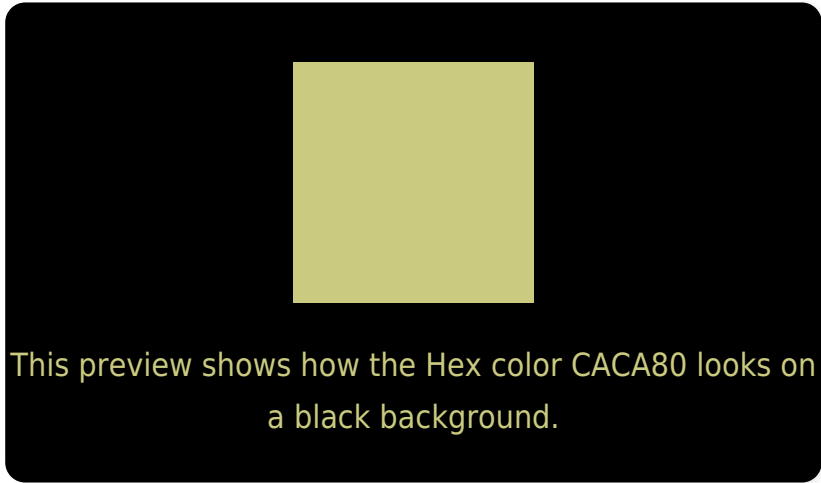
Large Text (above 18pt) WCAG AA × Fail

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

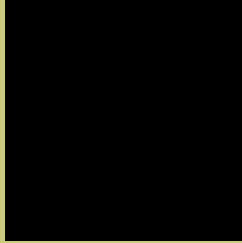
Any Text WCAG AA ✓ Pass

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 CACA80 Background



This preview shows how black text looks on a background with the Hex color CACA80.

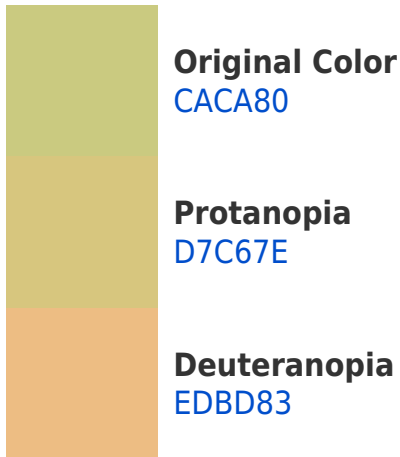


This preview shows how white text looks on a background with the Hex color CACA80.

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](#).

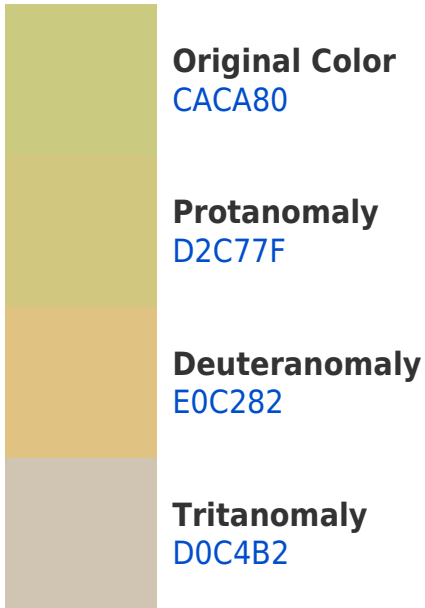
Dichromacy



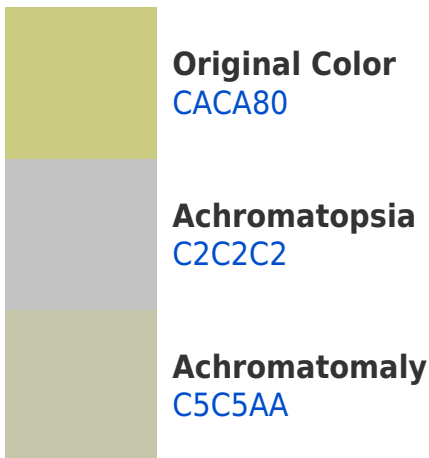


Tritanopia
D3C0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CACA80 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 #CACA80 looks like.

```
.text, #text, p{  
    color:#CACA80  
}
```

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 #CACA80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CACA80
}
```

Border

The CSS property to change the border of an element to Hex CACA80 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
#CACA80 }
```

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

```
.border{ border-color:#CACA80 }
```

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

Here you see how a box with a 4 pixel #CACA80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CACA80; -webkit-box-shadow:4px 4px  
4px 4px #CACA80; box-shadow:4px 4px 4px  
4px #CACA80 }
```

Background

The CSS property to change the background color of an element to Hex CACA80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CACA80 }
```

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

```
.background{ background-color:#CACA80 }
```

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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