

# Converting Colors

Hex(CAC479)

Have a look what the booklet for  
Hex(CAC479) contains.

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**Color**

**Hex(CAC479)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAC479
RGB	202, 196, 121
RGB Percent	79%, 77%, 47%
CMY	0.2078, 0.2314, 0.5255
CMYK	0.00, 0.03, 0.40, 0.21
HSL	56°, 43%, 63%
HSV	56°, 40%, 79%
XYZ	47.5482, 53.4169, 25.8936
YIQ	189.2440, 27.6510, -22.0530

# Conversions

## Conversions Part 2

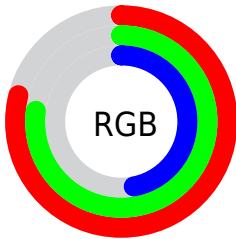
Format	Color
<b>RYB</b>	127, 202, 121
Decimal	13288569
CIELab	78.12, -8.77, 38.37
CIElCh	78, 39.357, 102.880
Yxy	53.4169, 0.3748, 0.4211
Android (android.graphics.Color)	4291478649 (0xFFCAC479)
YUV	189.2440, -33.6443, 11.1870
Hunter-Lab	73.0869, -11.7750, 30.1552

# Details

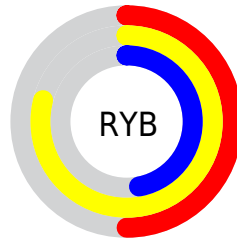
The Hex color **CAC479** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **797FCA**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFCAE**, and **928E47** is the 20% darker color. If you saturate the color by 10%, you get **CAC365**, and if you desaturate by 10%, it is **CAC58D**.

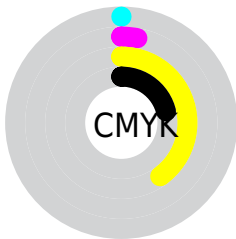
# Distribution



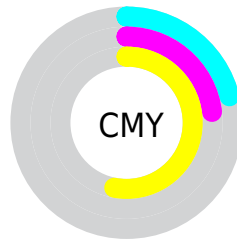
- Red (79%)
- Green (77%)
- Blue (47%)



- Red (50%)
- Yellow (79%)
- Blue (47%)



- Cyan (0%)
- Magenta (3%)
- Yellow (40%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAC479 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 CAC479 by changing the saturation by 10% instead.



 CAC479

 CAC479

FFFFFF

 AEA95F

 FFFCAE

 928E47

 FFFPCA

 78752E

 FFFFE6

 5E5C16

 454500

 2D2F00

 141B00

 000000

 CAC479

 CAC479

 CAC365

 CAC58D

 CAC151

 CAC7A1

 CAC03C

 CAC8B6

 CABE28

 CACACA

 CABD14

 CACBDE

 CABB00

 CACDF2

 CACEFF

 CAD0FF

 CAD1FF

# Harmonies

## Analogous

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



ECB87C



CAC479



A1CE8A

# Triad

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



CAC479



38D2F2



FBA8D8

# Complementary

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



CAC479



797FCA

# 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.



DAB2F7



CAC479



6ACBFF

# Square

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



CAC479



46D5D0



A7BFFF



FFA5B3

# Rectangle

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



CAC479



84D29F



A7BFFF



F2AAE3



# Sweetspot

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



CAC479



FFFDE0



CA7980



807E6E



000000



808080



# Same Dimension

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



CAC479



FFF685



A8CA79



66655C



A69900



262300



# Inverse Universe

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



797FCA



858EFF



9B79CA



5C5D66



000CA6



000326



# Previews

## White Background



This preview shows how the Hex color CAC479 looks on a white background.

## Color Contrast Check

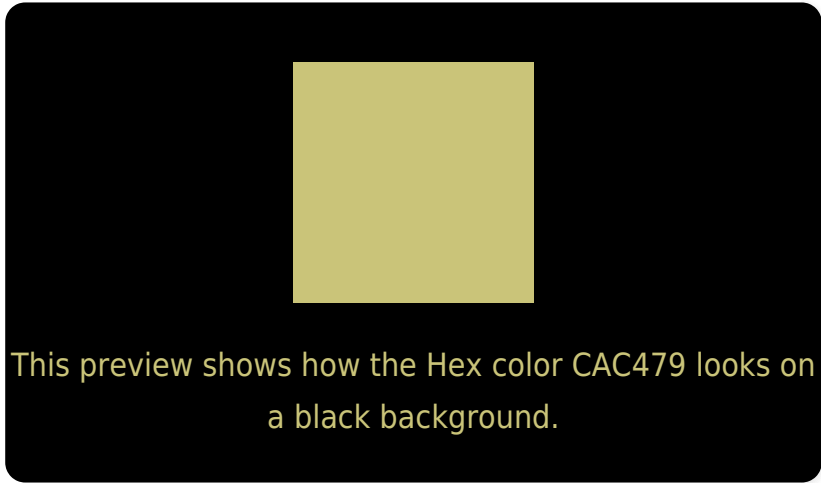
Large Text (above 18pt) WCAG AA × Fail

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

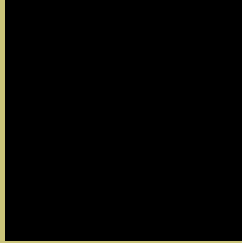
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CAC479 Background



This preview shows how black text looks on a background with the Hex color CAC479.

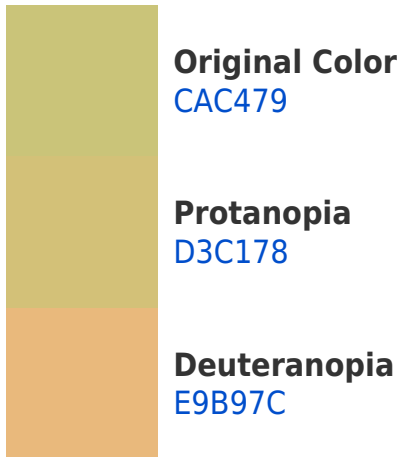



This preview shows how white text looks on a background with the Hex color CAC479.

# 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](#).

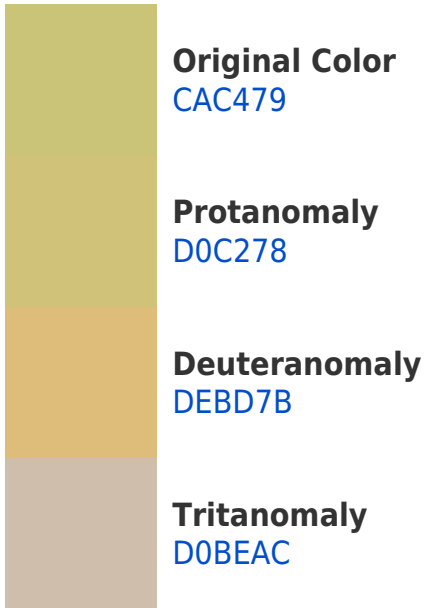
## Dichromacy



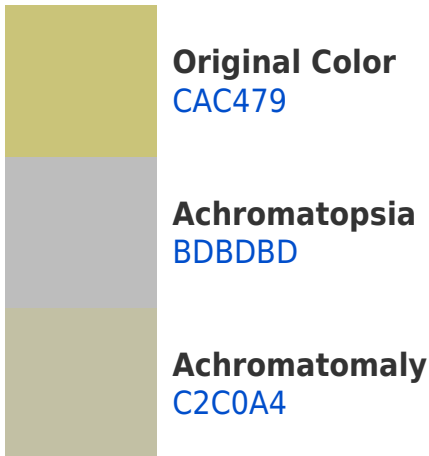


**Tritanopia**  
D3BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAC479 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 #CAC479 looks like.

```
.text, #text, p{  
    color:#CAC479  
}
```

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 #CAC479 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC479
}
```

## Border

The CSS property to change the border of an element to Hex CAC479 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
#CAC479 }
```

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

```
.border{ border-color:#CAC479 }
```

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

Here you see how a box with a 4 pixel #CAC479 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC479; -webkit-box-shadow:4px 4px  
4px 4px #CAC479; box-shadow:4px 4px 4px  
4px #CAC479 }
```

# Background

The CSS property to change the background color of an element to Hex CAC479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC479 }
```

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

```
.background{ background-color:#CAC479 }
```

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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