

# Converting Colors

Hex(CAC000)

Have a look what the booklet for  
Hex(CAC000) contains.

<b>Hex(CAC000)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(CAC000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAC000
RGB	202, 192, 0
RGB Percent	79%, 75%, 0%
CMY	0.2078, 0.2471, 1.0000
CMYK	0.00, 0.05, 1.00, 0.21
HSL	57°, 100%, 40%
HSV	57°, 100%, 79%
XYZ	43.2068, 50.2558, 7.4231
YIQ	173.1020, 67.5920, -57.5920

# Conversions

## Conversions Part 2

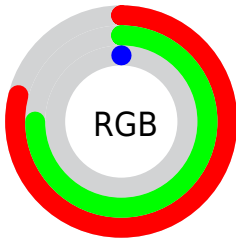
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 202, 0
Decimal	13287424
CIELab	76.23, -13.07, 77.31
CIElCh	76, 78.405, 99.600
Yxy	50.2558, 0.4283, 0.4981
Android (android.graphics.Color)	4291477504 (0xFFCAC000)
YUV	173.1020, -85.3393, 25.3435
Hunter-Lab	70.8913, -15.2679, 43.4156

# Details

The Hex color **CAC000** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **000ACA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFF852**, and **8F8B00** is the 20% darker color. If you saturate the color by 10%, you get **CAC000**, and if you desaturate by 10%, it is **CAC114**.

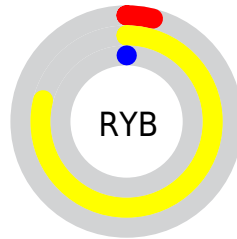
# Distribution



Red (79%)

Green (75%)

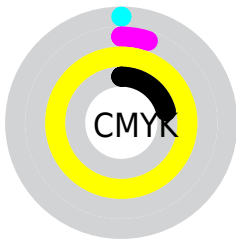
Blue (0%)



Red (4%)

Yellow (79%)

Blue (0%)

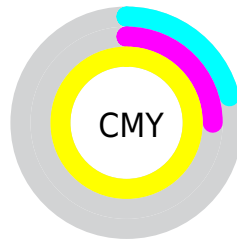


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (25%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAC000 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 CAC000 by changing the saturation by 10% instead.



 CAC000

 CAC000

FFFFFF

 ACA500

 FFF852

 8F8B00

 FFFF70

 737200

 FFFF8C

 575900

 FFFFA9

 3C4200

 FFFFC6

 222C00

 FFFF E3

 011900

 000000

 CAC000

 CAC114

 CAC228

 CAC33D

 CAC451

 CAC565

 CAC679

 CAC78D

 CAC8A2

 CAC9B6

# Harmonies

## Analogous

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



FFA627



CAC000



7BD141

# Triad

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



CAC000



00DBFF



FF7EF0

# Complementary

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



CAC000



000ACA

# 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.



DC9EFF



CAC000



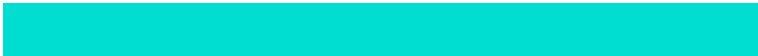
00D1FF

# Square

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



CAC000



00DED2



37BDFE



FF73A8

# Rectangle

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



CAC000



00D86E



37BDFF



FF88FF



# Sweetspot

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



CAC000



FFFBB3



CA000A



807D52



000000



808080



# Same Dimension

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



CAC000



FFF200



6FCA00



66655C



A69E00



262400



# Inverse Universe

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



000ACA



000DFF



5B00CA



5C5C66



0008A6

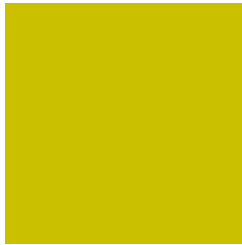


000226



# Previews

## White Background



This preview shows how the Hex color CAC000 looks on a white background.

## Color Contrast Check

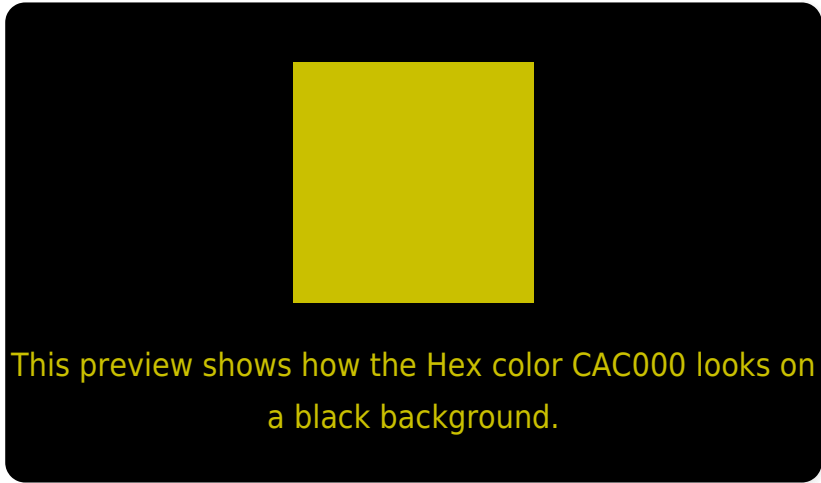
Large Text (above 18pt) WCAG AA × Fail

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 CAC000 Background



This preview shows how black text looks on a background with the Hex color CAC000.

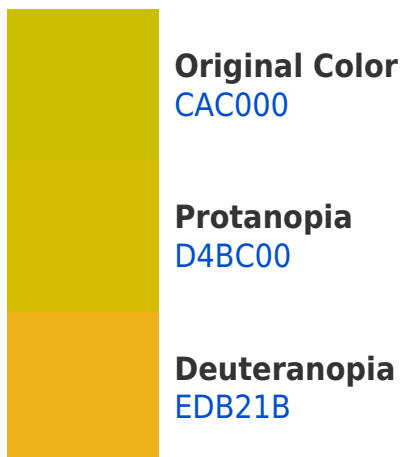


This preview shows how white text looks on a background with the Hex color CAC000.

# 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](#).

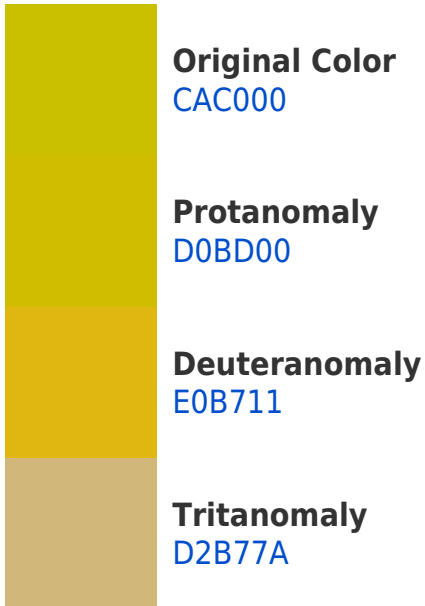
## Dichromacy





**Tritanopia**  
D6B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAC000 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 #CAC000 looks like.

```
.text, #text, p{  
    color:#CAC000  
}
```

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 #CAC000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC000
}
```

## Border

The CSS property to change the border of an element to Hex CAC000 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
#CAC000 }
```

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

```
.border{ border-color:#CAC000 }
```

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

Here you see how a box with a 4 pixel #CAC000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC000; -webkit-box-shadow:4px 4px  
4px 4px #CAC000; box-shadow:4px 4px 4px  
4px #CAC000 }
```

# Background

The CSS property to change the background color of an element to Hex CAC000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC000 }
```

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

```
.background{ background-color:#CAC000 }
```

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