

Converting Colors

Hex(CAC44D)

Have a look what the booklet for
Hex(CAC44D) contains.

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Color

Hex(CAC44D)

Conversions

Conversions Part 1

Format	Color
Hex	CAC44D
RGB	202, 196, 77
RGB Percent	79%, 77%, 30%
CMY	0.2078, 0.2314, 0.6980
CMYK	0.00, 0.03, 0.62, 0.21
HSL	57°, 54%, 55%
HSV	57°, 62%, 79%
XYZ	45.4366, 52.5722, 14.7739
YIQ	184.2280, 41.7750, -35.7370

Conversions

Conversions Part 2

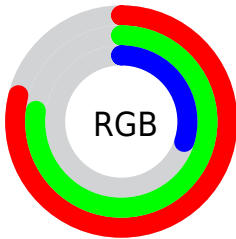
Format	Color
R_{YB}	83, 202, 77
Decimal	13288525
CIE Lab	77.62, -12.59, 58.64
CIE LCh	78, 59.981, 102.115
Yxy	52.5722, 0.4029, 0.4661
Android (android.graphics.Color)	4291478605 (0xFFCAC44D)
YUV	184.2280, -52.8634, 15.5860
Hunter-Lab	72.5067, -15.0291, 38.6738

Details

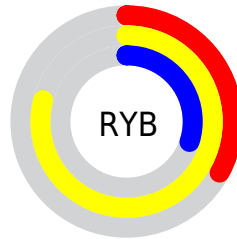
The Hex color **CAC44D** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **4D53CA**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFFC83**, and **918F11** is the 20% darker color. If you saturate the color by 10%, you get **CAC339**, and if you desaturate by 10%, it is **CAC561**.

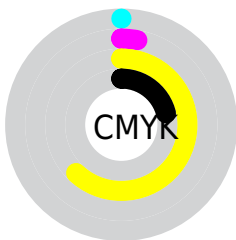
Distribution



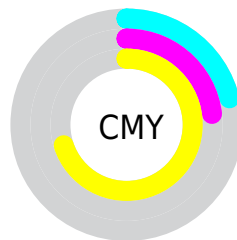
- Red (79%)
- Green (77%)
- Blue (30%)



- Red (33%)
- Yellow (79%)
- Blue (30%)



- Cyan (0%)
- Magenta (3%)
- Yellow (62%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAC44D 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 CAC44D by changing the saturation by 10% instead.

 CAC44D

 CAC44D

FFFFFF

 ADA932

 FFFC83

 918F11

 FFFF9E

 757500

 FFFFBA

 5A5D00

 FFFFD7

 404500

 FFFFF4

 262F00

 0A1B00

 000000

 CAC44D

 CAC44D

 CAC339

 CAC561

 CAC225

 CAC675

 CAC110

 CAC78A

 CAC000

 CAC89E

 CAC9B2

 CACAC6

 CACBDA

 CACCEF

 CACDFF

Harmonies

Analogous

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



FBB154



CAC44D



8DD26A

Triad

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



CAC44D



00D9FF



FF95E3

Complementary

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



CAC44D



4D53CA

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.



E1A8FF



CAC44D



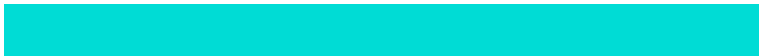
00CFFF

Square

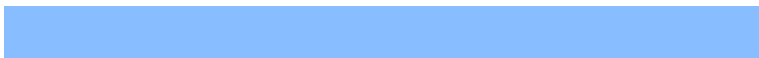
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CAC44D



00DCD5



88BEFF



FF90AB

Rectangle

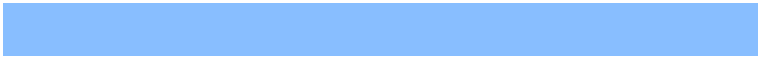
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAC44D



56D78A



88BEFF



FF9AF5

Sweetspot

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



CAC44D



FFFDCF



CA4D53



807E62



000000



808080

Same Dimension

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



CAC44D



FFF642



92CA4D



66665C



A69E00



262400

Inverse Universe

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



4D53CA



424BFF



854DCA



5C5C66



0008A6



000226

Previews

White Background



This preview shows how the Hex color CAC44D looks on a white background.

Color Contrast Check

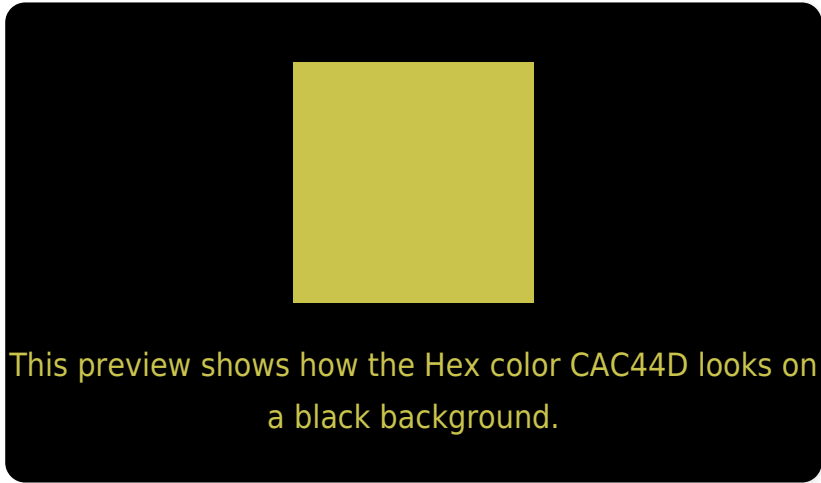
Large Text (above 18pt) WCAG AA × Fail

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 CAC44D Background



This preview shows how black text looks on a background with the Hex color CAC44D.



This preview shows how white text looks on a background with the Hex color CAC44D.

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](#).

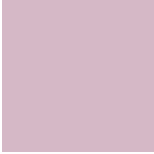
Dichromacy



Original Color
CAC44D

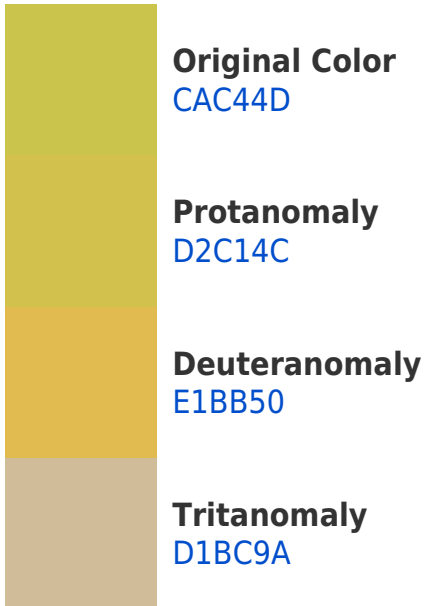
Protanopia
D6C04C

Deuteranopia
EEB651



Tritanopia
D5B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAC44D 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 #CAC44D looks like.

```
.text, #text, p{  
    color:#CAC44D  
}
```

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 #CAC44D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC44D
}
```

Border

The CSS property to change the border of an element to Hex CAC44D 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
#CAC44D }
```

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

```
.border{ border-color:#CAC44D }
```

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

Here you see how a box with a 4 pixel #CAC44D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC44D; -webkit-box-shadow:4px 4px  
4px 4px #CAC44D; box-shadow:4px 4px 4px  
4px #CAC44D }
```

Background

The CSS property to change the background color of an element to Hex CAC44D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC44D }
```

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

```
.background{ background-color:#CAC44D }
```

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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