

Converting Colors

Hex(CAB835)

Have a look what the booklet for
Hex(CAB835) contains.

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Color

Hex(CAB835)

Conversions

Conversions Part 1

Format	Color
Hex	CAB835
RGB	202, 184, 53
RGB Percent	79%, 72%, 21%
CMY	0.2078, 0.2784, 0.7922
CMYK	0.00, 0.09, 0.74, 0.21
HSL	53°, 58%, 50%
HSV	53°, 74%, 79%
XYZ	42.1402, 47.0946, 10.2373
YIQ	174.4480, 52.7790, -36.9250

Conversions

Conversions Part 2

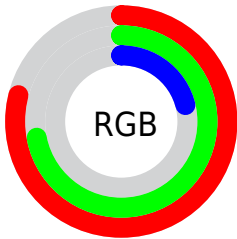
Format	Color
RYB	73, 202, 53
Decimal	13285429
CIELab	74.25, -7.75, 64.66
CIELCh	74, 65.123, 96.833
Yxy	47.0946, 0.4236, 0.4734
Android (android.graphics.Color)	4291475509 (0xFFCAB835)
YUV	174.4480, -59.8739, 24.1631
Hunter-Lab	68.6255, -10.4848, 39.1932

Details

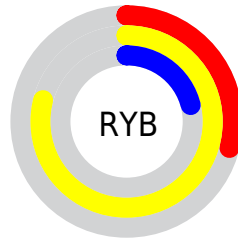
The Hex color **CAB835** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **3547CA**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFF06D**, and **908300** is the 20% darker color. If you saturate the color by 10%, you get **CAB621**, and if you desaturate by 10%, it is **CABA49**.

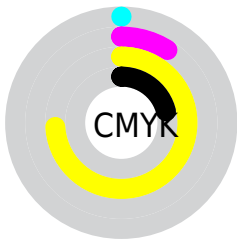
Distribution



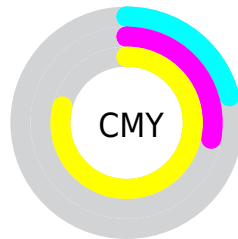
- Red (79%)
- Green (72%)
- Blue (21%)



- Red (29%)
- Yellow (79%)
- Blue (21%)



- Cyan (0%)
- Magenta (9%)
- Yellow (74%)
- Black (21%)



- Cyan (21%)
- Magenta (28%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAB835 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 CAB835 by changing the saturation by 10% instead.

 CAB835

 CAB835

FFFFFF

 AD9D13

 FFF06D

 908300

 FFFF88

 746A00

 FFFFA4

 595200

 FFFFC0

 3E3C00

 FFFFDD

 252600

 FFFFFB

 041300

 000000

 CAB835

 CAB835

 CAB621

 CABA49

 CAB30D

 CABD5D

 CAB200

 CABF72

 CAC286

 CAC49A

 CAC7AE

 CAC9C2

 CACCD7

 CACEEB

Harmonies

Analogous

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



FCA245



CAB835



8BC751

Triad

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



CAB835



00D2FD



FF89E7

Complementary

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



CAB835



3547CA

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.



CBA1FF



CAB835



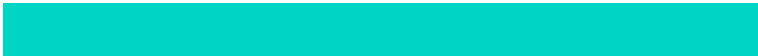
00C9FF

Square

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



CAB835



00D4C3



55B9FF



FF7FAB

Rectangle

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



CAB835



50CE72



55B9FF



F990F9

Sweetspot

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



CAB835



FFF8C7



CA3549



807B5E



000000



808080

Same Dimension

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



CAB835



FFE41C



93CA35



66655C



A69200



262200

Inverse Universe

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



3547CA



1C37FF



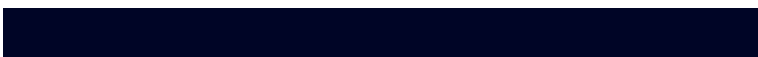
6C35CA



5C5D66



0014A6



000526

Previews

White Background



This preview shows how the Hex color CAB835 looks on a white background.

Color Contrast Check

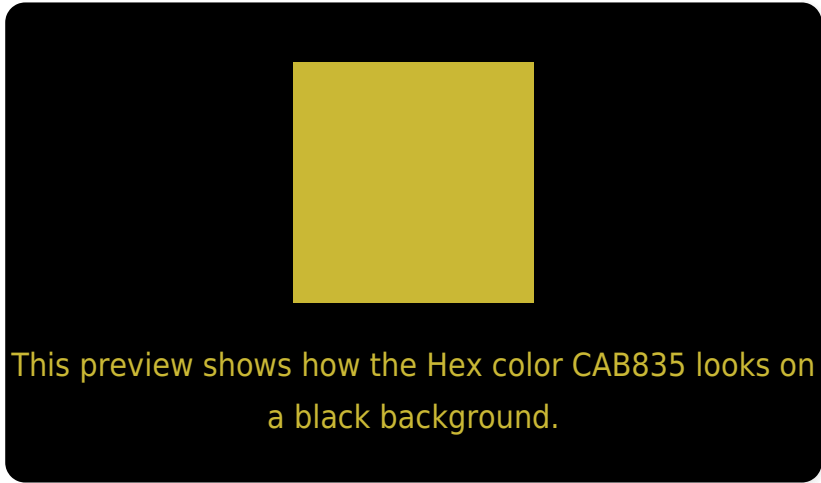
Large Text (above 18pt) WCAG AA × Fail

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 CAB835 Background



This preview shows how black text looks on a background with the Hex color CAB835.

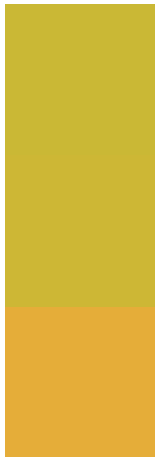


This preview shows how white text looks on a background with the Hex color CAB835.

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
CAB835

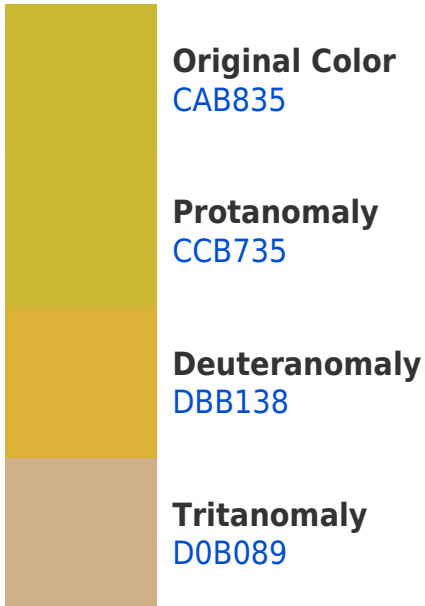
Protanopia
CDB735

Deuteranopia
E5AD39



Tritanopia
D4ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAB835 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 #CAB835 looks like.

```
.text, #text, p{  
    color:#CAB835  
}
```

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 #CAB835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB835  
}
```

Border

The CSS property to change the border of an element to Hex CAB835 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  
#CAB835 }
```

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

```
.border{ border-color:#CAB835 }
```

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

Here you see how a box with a 4 pixel #CAB835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB835; -webkit-box-shadow:4px 4px  
4px 4px #CAB835; box-shadow:4px 4px 4px  
4px #CAB835 }
```

Background

The CSS property to change the background color of an element to Hex CAB835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB835 }
```

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

```
.background{ background-color:#CAB835 }
```

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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