

Converting Colors

Hex(CAB137)

Have a look what the booklet for
Hex(CAB137) contains.

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Color

Hex(CAB137)

Conversions

Conversions Part 1

Format	Color
Hex	CAB137
RGB	202, 177, 55
RGB Percent	79%, 69%, 22%
CMY	0.2078, 0.3059, 0.7843
CMYK	0.00, 0.12, 0.73, 0.21
HSL	50°, 58%, 50%
HSV	50°, 73%, 79%
XYZ	40.7689, 44.2767, 10.0119
YIQ	170.5670, 54.0620, -32.6420

Conversions

Conversions Part 2

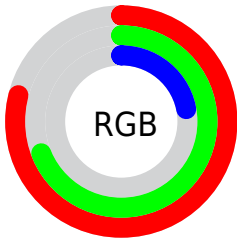
Format	Color
RYB	85, 202, 55
Decimal	13283639
CIELab	72.41, -4.01, 62.17
CIELCh	72, 62.294, 93.692
Yxy	44.2767, 0.4289, 0.4658
Android (android.graphics.Color)	4291473719 (0xFFCAB137)
YUV	170.5670, -56.9745, 27.5667
Hunter-Lab	66.5407, -7.0810, 37.6575

Details

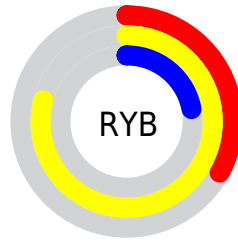
The Hex color **CAB137** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3750CA**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFE86E**, and **907D00** is the 20% darker color. If you saturate the color by 10%, you get **CAAE23**, and if you desaturate by 10%, it is **CAB44B**.

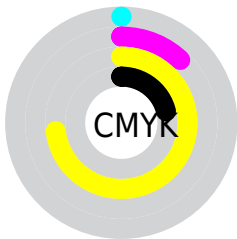
Distribution



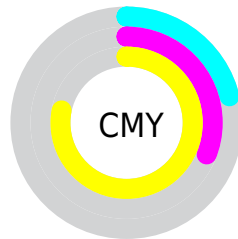
- Red (79%)
- Green (69%)
- Blue (22%)



- Red (33%)
- Yellow (79%)
- Blue (22%)



- Cyan (0%)
- Magenta (12%)
- Yellow (73%)
- Black (21%)



- Cyan (21%)
- Magenta (31%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAB137 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 CAB137 by changing the saturation by 10% instead.

 CAB137

 CAB137

FFFFFF

 AD9617

 FFE86E

 907D00

 FFFF89

 746400

 FFFFA5

 594C00

 FFFFC1

 3E3600

 FFFFDE

 252100

 FFFFFB

 030B00

 000000

 CAB137

 CAB137

■ CAAE23

■ CAB44B

■ CAAA0F

■ CAB85F

■ CAA800

■ CABB74

■ CABF88

■ CAC29C

■ CAC6B0

■ CAC9C4

■ CACCD9

■ CAD0ED

Harmonies

Analogous

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



F89C4A



CAB137



8FC04D

Triad

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



CAB137



00CCEF



FD89E5

Complementary

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



CAB137



3750CA

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.



BDA0FF



CAB137



00C5FF

Square

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



CAB137



00CDB7



43B6FF



FF7EAD

Rectangle

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



CAB137



5CC76B



43B6FF



EC90F6

Sweetspot

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



CAB137



FFF5C7



CA3752



807A5E



000000



808080

Same Dimension

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



CAB137



FFD921



9BCA37



66645C



A68A00



262000

Inverse Universe

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



3750CA



2147FF



6637CA



5C5E66



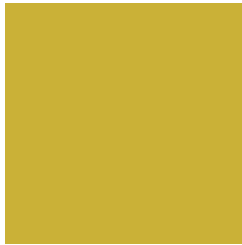
001CA6



000726

Previews

White Background



This preview shows how the Hex color CAB137 looks on a white background.

Color Contrast Check

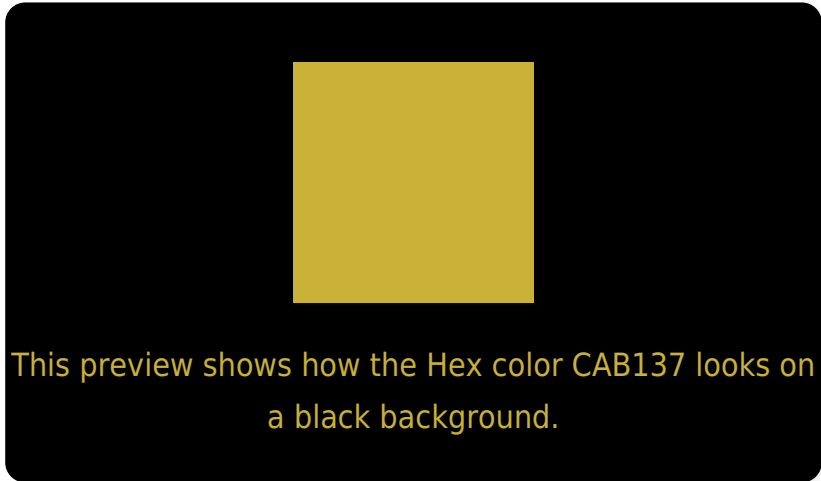
Large Text (above 18pt) WCAG AA × Fail

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 CAB137 Background



This preview shows how black text looks on a background with the Hex color CAB137.



This preview shows how white text looks on a background with the Hex color CAB137.

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
CAB137

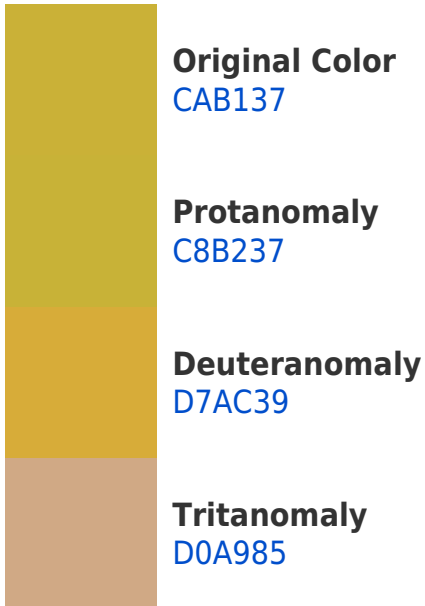
Protanopia
C7B237

Deuteranopia
DEA93A



Tritanopia
D3A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAB137 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 #CAB137 looks like.

```
.text, #text, p{  
    color:#CAB137  
}
```

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 #CAB137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB137
}
```

Border

The CSS property to change the border of an element to Hex CAB137 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
#CAB137 }
```

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

```
.border{ border-color:#CAB137 }
```

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

Here you see how a box with a 4 pixel #CAB137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB137; -webkit-box-shadow:4px 4px  
4px 4px #CAB137; box-shadow:4px 4px 4px  
4px #CAB137 }
```

Background

The CSS property to change the background color of an element to Hex CAB137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB137 }
```

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

```
.background{ background-color:#CAB137 }
```

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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