

Converting Colors

Hex(CAB15E)

Have a look what the booklet for
Hex(CAB15E) contains.

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Color

Hex(CAB15E)

Conversions

Conversions Part 1

Format	Color
Hex	CAB15E
RGB	202, 177, 94
RGB Percent	79%, 69%, 37%
CMY	0.2078, 0.3059, 0.6314
CMYK	0.00, 0.12, 0.53, 0.21
HSL	46°, 50%, 58%
HSV	46°, 53%, 79%
XYZ	42.0996, 44.8090, 17.0198
YIQ	175.0130, 41.5430, -20.5130

Conversions

Conversions Part 2

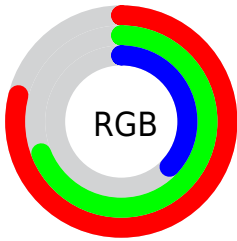
Format	Color
RYB	127, 202, 94
Decimal	13283678
CIELab	72.77, -1.47, 45.31
CIELCh	73, 45.333, 91.862
Yxy	44.8090, 0.4051, 0.4312
Android (android.graphics.Color)	4291473758 (0xFFCAB15E)
YUV	175.0130, -39.9394, 23.6676
Hunter-Lab	66.9395, -4.8818, 31.7828

Details

The Hex color **CAB15E** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5E77CA**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE892**, and **917D2C** is the 20% darker color. If you saturate the color by 10%, you get **CAAC4A**, and if you desaturate by 10%, it is **CAB672**.

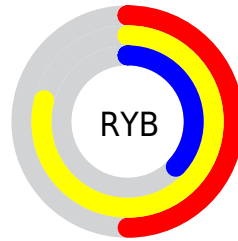
Distribution



Red (79%)

Green (69%)

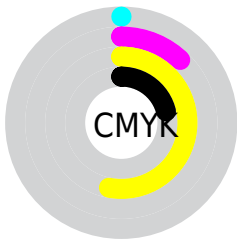
Blue (37%)



Red (50%)

Yellow (79%)

Blue (37%)

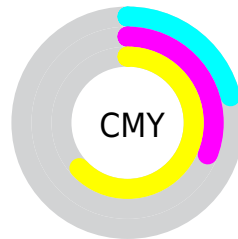


Cyan (0%)

Magenta (12%)

Yellow (53%)

Black (21%)



Cyan (21%)

Magenta (31%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAB15E 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 CAB15E by changing the saturation by 10% instead.

 CAB15E

 CAB15E

FFFFFF

 AD9645

 FFE892

 917D2C

 FFFFFAE

 766411

 FFFFC9

 5C4C00

 FFFFFE6

 423600

 292100

 0C0B00

 000000

 CAB15E

 CAB15E

■ CAAC4A

■ CAB672

■ CAA836

■ CABA86

■ CAA321

■ CABF9B

■ CA9E0D

■ CAC4AF

■ CA9B00

■ CAC8C3

■ CACDD7

■ CAD2EB

■ CAD6FF

■ CADBFF

Harmonies

Analogous

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



ECA26A



CAB15E



9FBD6A

Triad

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



CAB15E



00C7DD



E898DA

Complementary

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



CAB15E



5E77CA

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.



BAA7F9



CAB15E



00C1FB

Square

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



CAB15E



13C8B4



75B6FF



FF91B2

Rectangle

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



CAB15E



7EC37E



75B6FF



DB9DE6

Sweetspot

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



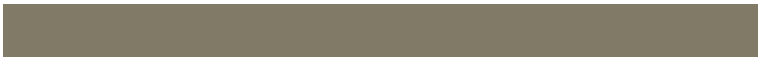
CAB15E



FFF6D6



CA5E77



807A67



000000



808080

Same Dimension

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



CAB15E



FFD95C



ADCA5E



66645C



A67F00



261D00

Inverse Universe

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



5E77CA



5C82FF



7B5ECA



5C5E66



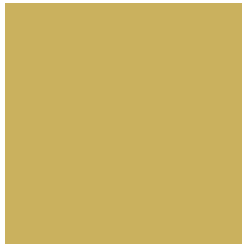
0026A6



000926

Previews

White Background



This preview shows how the Hex color CAB15E looks on a white background.

Color Contrast Check

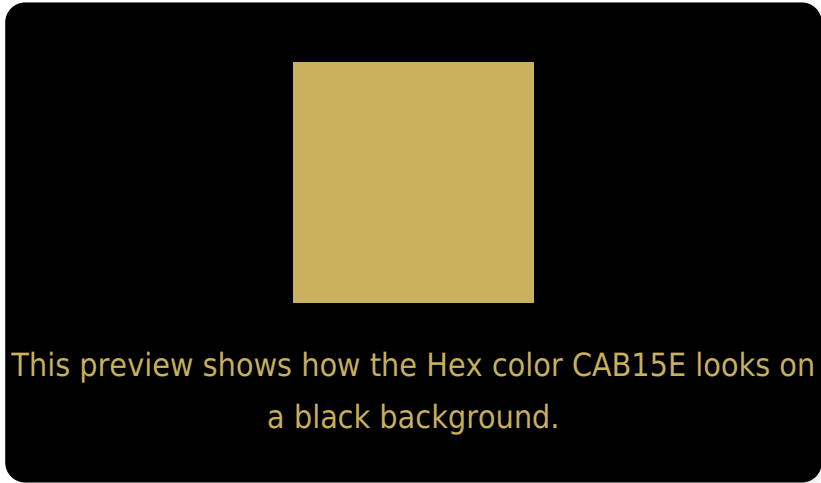
Large Text (above 18pt) WCAG AA × Fail

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 CAB15E Background



This preview shows how black text looks on a background with the Hex color CAB15E.

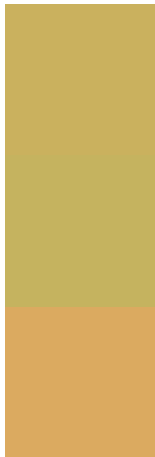


This preview shows how white text looks on a background with the Hex color CAB15E.

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
CAB15E

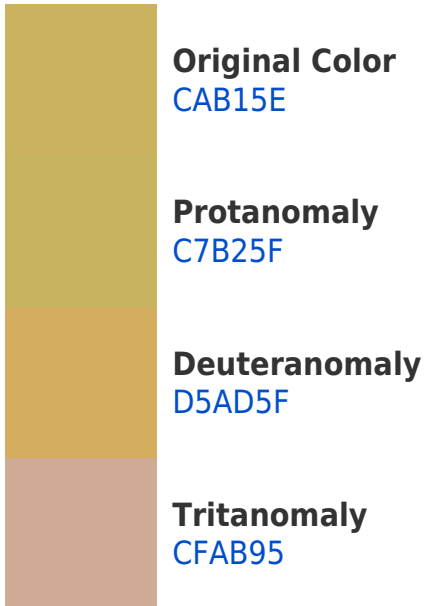
Protanopia
C5B35F

Deuteranopia
DBAA60



Tritanopia
D2A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAB15E 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 #CAB15E looks like.

```
.text, #text, p{  
    color:#CAB15E  
}
```

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 #CAB15E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB15E
}
```

Border

The CSS property to change the border of an element to Hex CAB15E 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
#CAB15E }
```

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

```
.border{ border-color:#CAB15E }
```

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

Here you see how a box with a 4 pixel #CAB15E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB15E; -webkit-box-shadow:4px 4px  
4px 4px #CAB15E; box-shadow:4px 4px 4px  
4px #CAB15E }
```

Background

The CSS property to change the background color of an element to Hex CAB15E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB15E }
```

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

```
.background{ background-color:#CAB15E }
```

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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