

Converting Colors

Hex(CAB957)

Have a look what the booklet for
Hex(CAB957) contains.

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Color

Hex(CAB957)

Conversions

Conversions Part 1

Format	Color
Hex	CAB957
RGB	202, 185, 87
RGB Percent	79%, 73%, 34%
CMY	0.2078, 0.2745, 0.6588
CMYK	0.00, 0.08, 0.57, 0.21
HSL	51°, 52%, 57%
HSV	51°, 57%, 79%
XYZ	43.4264, 47.9426, 15.9819
YIQ	178.9110, 41.5900, -26.8740

Conversions

Conversions Part 2

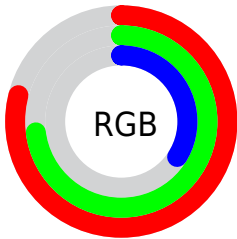
Format	Color
RYB	107, 202, 87
Decimal	13285719
CIELab	74.79, -6.23, 51.03
CIELCh	75, 51.411, 96.959
Yxy	47.9426, 0.4045, 0.4466
Android (android.graphics.Color)	4291475799 (0xFFCAB957)
YUV	178.9110, -45.3121, 20.2491
Hunter-Lab	69.2406, -9.2192, 34.7833

Details

The Hex color **CAB957** 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 **5768CA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFF18C**, and **918423** is the 20% darker color. If you saturate the color by 10%, you get **CAB643**, and if you desaturate by 10%, it is **CABC6B**.

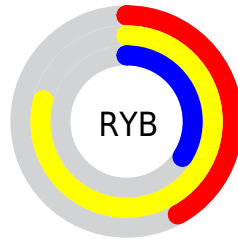
Distribution



Red (79%)

Green (73%)

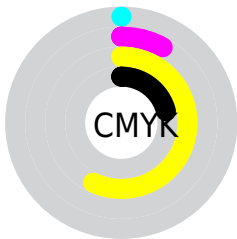
Blue (34%)



Red (42%)

Yellow (79%)

Blue (34%)

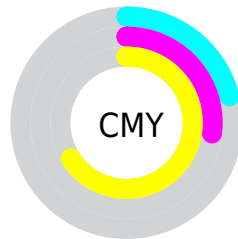


Cyan (0%)

Magenta (8%)

Yellow (57%)

Black (21%)



Cyan (21%)

Magenta (27%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAB957 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 CAB957 by changing the saturation by 10% instead.

 CAB957

 CAB957

FFFFFF

 AD9E3D

 FFF18C

 918423

 FFFFA7

 766B00

 FFFFC3

 5B5300

 FFFFDF

 413C00

 FFFFFC

 282700

 0B1300

 000000

 CAB957

 CAB957

 CAB643

 CABC6B

 CAB32F

 CABF7F

 CAB01A

 CAC294

 CAAD06

 CAC5A8

 CAAC00

 CAC8BC

 CACBD0

 CACEE4

 CAD1F9

 CAD4FF

Harmonies

Analogous

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



F2A861



CAB957



98C66A

Triad

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



CAB957



00CEFO



FB97DE

Complementary

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



CAB957



5768CA

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.



CBA7FF



CAB957



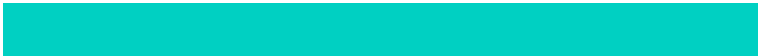
00C7FF

Square

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



CAB957



00D0C2



7DB9FF



FF90AF

Rectangle

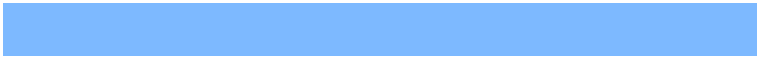
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAB957



6FCB83



7DB9FF



EE9CEC

Sweetspot

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



CAB957



FFF9D4



CA5768



807C66



000000



808080

Same Dimension

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



CAB957



FFE552



A2CA57



66645C



A68D00



262100

Inverse Universe

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



5768CA



526BFF



7F57CA



5C5D66



0019A6



000626

Previews

White Background



This preview shows how the Hex color CAB957 looks on a white background.

Color Contrast Check

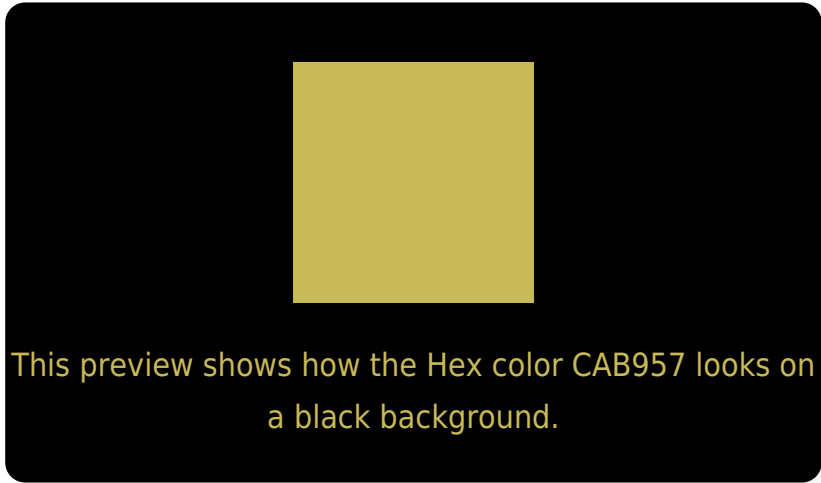
Large Text (above 18pt) WCAG AA × Fail

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 CAB957 Background



This preview shows how black text looks on a background with the Hex color CAB957.



This preview shows how white text looks on a background with the Hex color CAB957.

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
CAB957

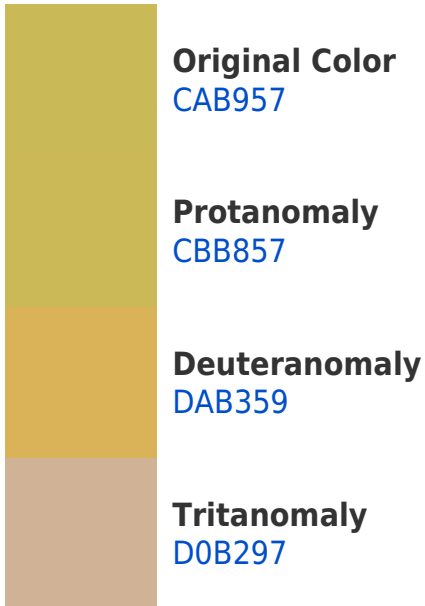
Protanopia
CCB857

Deuteranopia
E3AF5A



Tritanopia
D3AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAB957 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 #CAB957 looks like.

```
.text, #text, p{  
    color:#CAB957  
}
```

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 #CAB957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB957
}
```

Border

The CSS property to change the border of an element to Hex CAB957 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
#CAB957 }
```

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

```
.border{ border-color:#CAB957 }
```

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

Here you see how a box with a 4 pixel #CAB957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB957; -webkit-box-shadow:4px 4px  
4px 4px #CAB957; box-shadow:4px 4px 4px  
4px #CAB957 }
```

Background

The CSS property to change the background color of an element to Hex CAB957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB957 }
```

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

```
.background{ background-color:#CAB957 }
```

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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