

Converting Colors

Hex(CAB368)

Have a look what the booklet for
Hex(CAB368) contains.

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Color

Hex(CAB368)

Conversions

Conversions Part 1

Format	Color
Hex	CAB368
RGB	202, 179, 104
RGB Percent	79%, 70%, 41%
CMY	0.2078, 0.2980, 0.5922
CMYK	0.00, 0.11, 0.49, 0.21
HSL	46°, 48%, 60%
HSV	46°, 49%, 79%
XYZ	42.9759, 45.7962, 19.6712
YIQ	177.3270, 37.7830, -18.4490

Conversions

Conversions Part 2

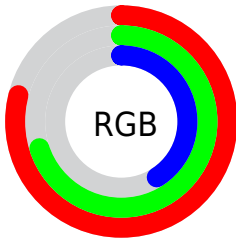
Format	Color
RYB	134, 202, 104
Decimal	13284200
CIELab	73.41, -1.64, 41.10
CIElCh	73, 41.130, 92.280
Yxy	45.7962, 0.3963, 0.4223
Android (android.graphics.Color)	4291474280 (0xFFCAB368)
YUV	177.3270, -36.1502, 21.6382
Hunter-Lab	67.6729, -5.0706, 30.1366

Details

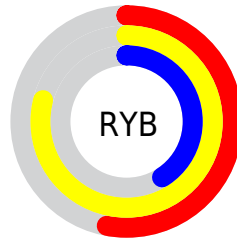
The Hex color **CAB368** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **687FCA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFEB9D**, and **927F36** is the 20% darker color. If you saturate the color by 10%, you get **CAAE54**, and if you desaturate by 10%, it is **CAB87C**.

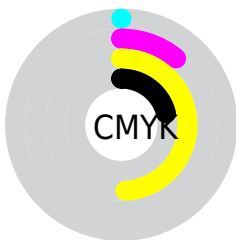
Distribution



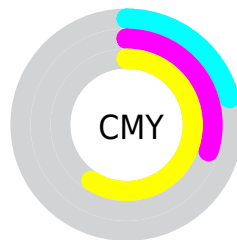
- Red (79%)
- Green (70%)
- Blue (41%)



- Red (53%)
- Yellow (79%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (49%)
- Black (21%)



- Cyan (21%)
- Magenta (30%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAB368 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 CAB368 by changing the saturation by 10% instead.



CAB368



CAB368

FFFFFF



AE984F



FFEB9D



927F36



FFFFB8



77661E



FFFFD4



5C4E02



FFFFF0



443700



2A2200



0E0D00



000000



CAB368



CAB368

■ CAAE54

■ CAB87C

■ CAAA40

■ CABC90

■ CAA52B

■ CAC1A5

■ CAA017

■ CAC6B9

■ CA9B03

■ CACBCD

■ CA9B00

■ CACFE1

■ CAD4F5

■ CAD9FF

■ CADEFF

Harmonies

Analogous

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



E9A672



CAB368



A2BE73

Triad

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



CAB368



00C7DB



E69DD8

Complementary

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



CAB368



687FCA

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.



BCA9F4



CAB368



36C1F6

Square

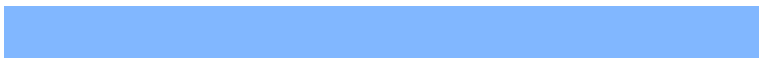
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CAB368



3CC8B6



81B7FF



FB97B3

Rectangle

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



CAB368



85C385



81B7FF



DAA0E3

Sweetspot

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



CAB368



FFF6D9



CA6881



807A69



000000



808080

Same Dimension

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



CAB368



FFDC6B



B2CA68



66645C



A67F00



261D00

Inverse Universe

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



687FCA



6B8EFF



8168CA



5C5E66



0027A6



000926

Previews

White Background



This preview shows how the Hex color CAB368 looks on a white background.

Color Contrast Check

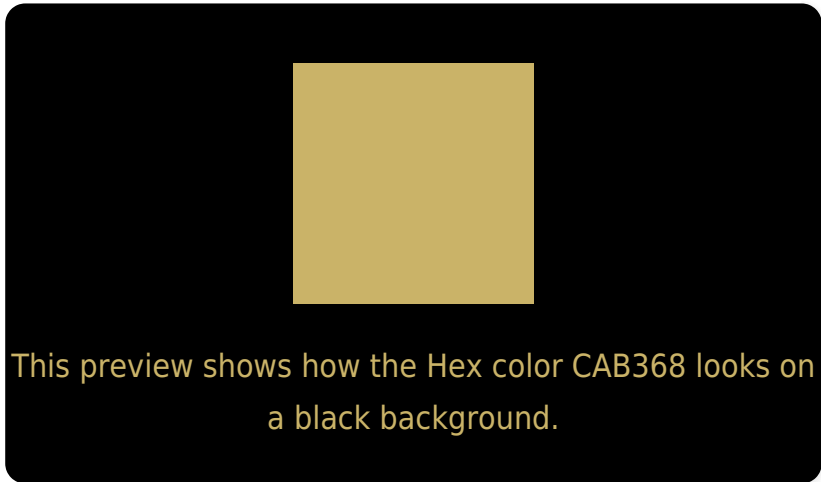
Large Text (above 18pt) WCAG AA × Fail

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 CAB368 Background



This preview shows how black text looks on a background with the Hex color CAB368.

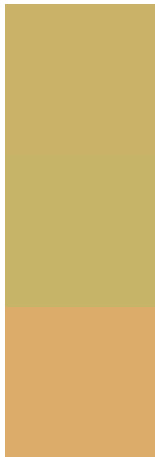


This preview shows how white text looks on a background with the Hex color CAB368.

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
CAB368

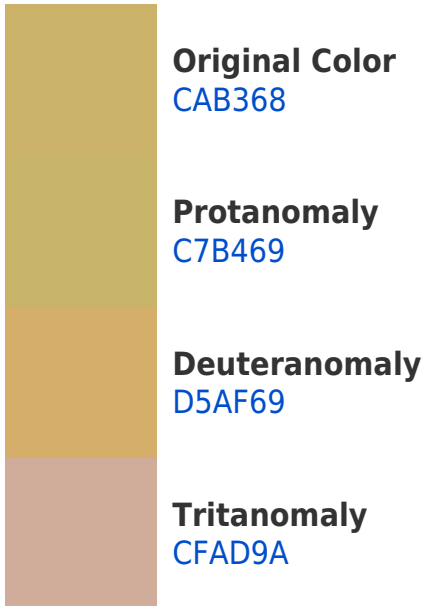
Protanopia
C6B469

Deuteranopia
DBAC6A

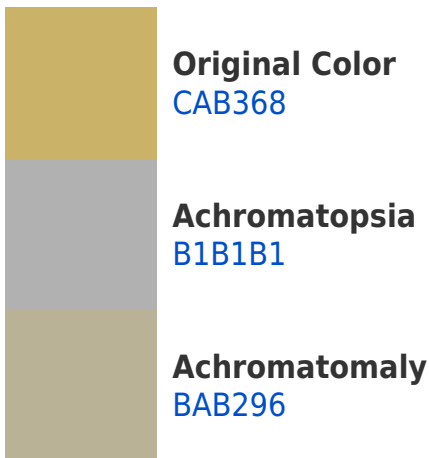


Tritanopia
D2AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAB368 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 #CAB368 looks like.

```
.text, #text, p{  
    color:#CAB368  
}
```

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 #CAB368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB368  
}
```

Border

The CSS property to change the border of an element to Hex CAB368 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  
#CAB368 }
```

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

```
.border{ border-color:#CAB368 }
```

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

Here you see how a box with a 4 pixel #CAB368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB368; -webkit-box-shadow:4px 4px  
4px 4px #CAB368; box-shadow:4px 4px 4px  
4px #CAB368 }
```

Background

The CSS property to change the background color of an element to Hex CAB368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB368 }
```

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

```
.background{ background-color:#CAB368 }
```

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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