

# Converting Colors

Hex(CAB760)

Have a look what the booklet for  
Hex(CAB760) contains.

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**Color**

**Hex(CAB760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAB760
RGB	202, 183, 96
RGB Percent	79%, 72%, 38%
CMY	0.2078, 0.2824, 0.6235
CMYK	0.00, 0.09, 0.52, 0.21
HSL	49°, 50%, 58%
HSV	49°, 52%, 79%
XYZ	43.4019, 47.2681, 17.9025
YIQ	178.7630, 39.2510, -23.0290

# Conversions

## Conversions Part 2

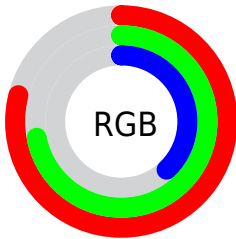
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 202, 96
Decimal	13285216
CIELab	74.36, -4.46, 46.23
CIElCh	74, 46.442, 95.508
Yxy	47.2681, 0.3998, 0.4354
Android (android.graphics.Color)	4291475296 (0xFFCAB760)
YUV	178.7630, -40.8022, 20.3788
Hunter-Lab	68.7518, -7.6313, 32.6876

# Details

The Hex color **CAB760** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6073CA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFEF95**, and **92822D** is the 20% darker color. If you saturate the color by 10%, you get **CAB34C**, and if you desaturate by 10%, it is **CABB74**.

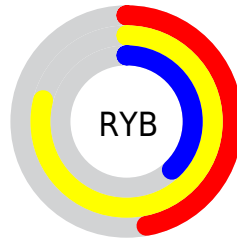
# Distribution



Red (79%)

Green (72%)

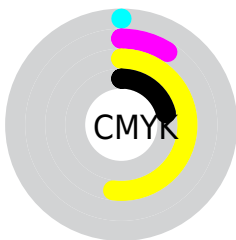
Blue (38%)



Red (47%)

Yellow (79%)

Blue (38%)

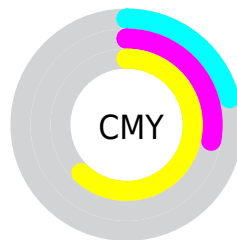


Cyan (0%)

Magenta (9%)

Yellow (52%)

Black (21%)



Cyan (21%)

Magenta (28%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAB760 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 CAB760 by changing the saturation by 10% instead.



 CAB760

FFFFFF

 FFEF95

 FFFFB0

 FFFFCC

 FFFFFE8

 CAB760

 CAB760

 AD9C47

 92822D

 766912

 5C5100

 423B00

 292500

 0D1100

 000000

 CAB760

 CAB34C

 CABB74

 CAB038

 CABE88

 CAAC23

 CAC29D

 CAA90F

 CAC5B1

 CAA600

 CAC9C5

 CACDD9

 CAD0ED

 CAD4FF

 CAD8FF

# Harmonies

## Analogous

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



EEA86A



CAB760



9DC36F

# Triad

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



CAB760



00CCE7



F39ADB

# Complementary

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



CAB760



6073CA

# 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.



C5A9FD



CAB760



00C5FF

# Square

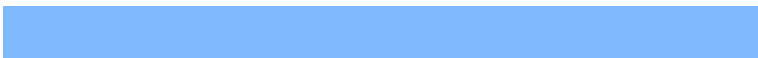
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CAB760



00CDBE



81B9FF



FF94B1

# Rectangle

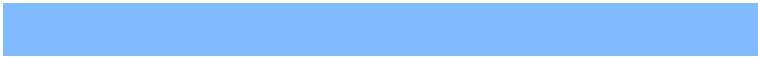
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAB760



7AC885



81B9FF



E69EE8



# Sweetspot

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



CAB760



FFF8D6



CA6073



807B67



000000



808080



# Same Dimension

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



CAB760



FFE25E



A8CA60



66645C



A68800



261F00



# Inverse Universe

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



6073CA



5E7BFF



8260CA



5C5E66



001EA6

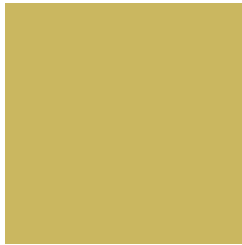


000726



# Previews

## White Background



This preview shows how the Hex color CAB760 looks on a white background.

## Color Contrast Check

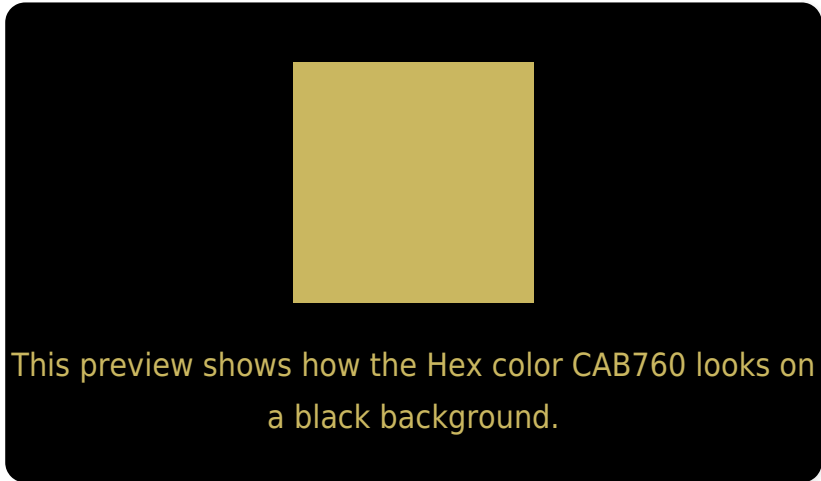
Large Text (above 18pt) WCAG AA × Fail

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

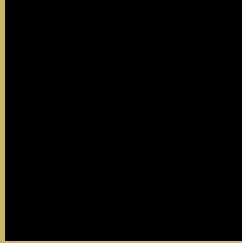
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAB760 Background



This preview shows how black text looks on a background with the Hex color CAB760.



This preview shows how white text looks on a background with the Hex color CAB760.

# 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**  
CAB760

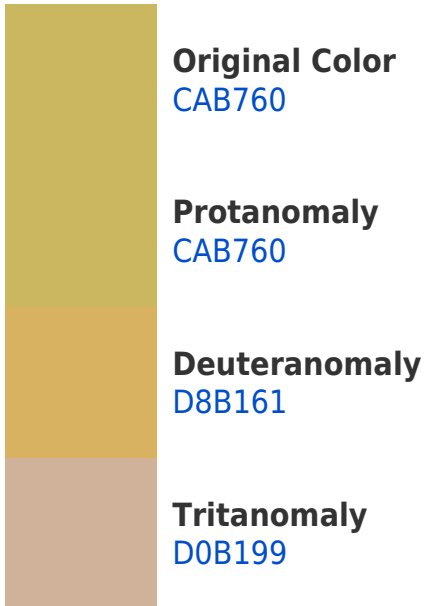
**Protanopia**  
CAB760

**Deuteranopia**  
E0AE62



**Tritanopia**  
D3ADBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAB760 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 #CAB760 looks like.

```
.text, #text, p{  
    color:#CAB760  
}
```

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 #CAB760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB760
}
```

## Border

The CSS property to change the border of an element to Hex CAB760 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
#CAB760 }
```

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

```
.border{ border-color:#CAB760 }
```

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

Here you see how a box with a 4 pixel #CAB760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB760; -webkit-box-shadow:4px 4px  
4px 4px #CAB760; box-shadow:4px 4px 4px  
4px #CAB760 }
```

# Background

The CSS property to change the background color of an element to Hex CAB760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB760 }
```

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

```
.background{ background-color:#CAB760 }
```

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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