

# Converting Colors

Hex(CABB77)

Have a look what the booklet for  
Hex(CABB77) contains.

<b>Hex(CABB77)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CABB77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CABB77
RGB	202, 187, 119
RGB Percent	79%, 73%, 47%
CMY	0.2078, 0.2667, 0.5333
CMYK	0.00, 0.07, 0.41, 0.21
HSL	49°, 44%, 63%
HSV	49°, 41%, 79%
XYZ	45.4572, 49.4291, 24.5977
YIQ	183.7330, 30.7680, -17.9680

# Conversions

## Conversions Part 2

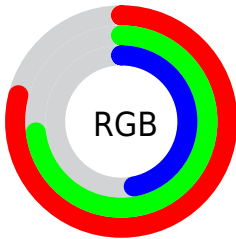
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 202, 119
Decimal	13286263
CIELab	75.72, -4.32, 36.33
CIELCh	76, 36.582, 96.783
Yxy	49.4291, 0.3804, 0.4137
Android (android.graphics.Color)	4291476343 (0xFFCABB77)
YUV	183.7330, -31.9134, 16.0202
Hunter-Lab	70.3058, -7.6236, 28.4705

# Details

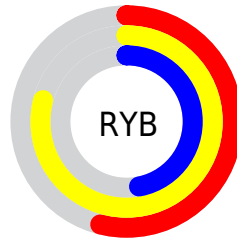
The Hex color **CABB77** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7786CA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF3AC**, and **928645** is the 20% darker color. If you saturate the color by 10%, you get **CAB763**, and if you desaturate by 10%, it is **CABF8B**.

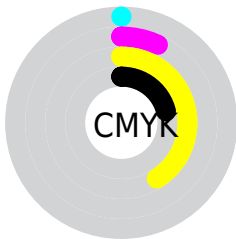
# Distribution



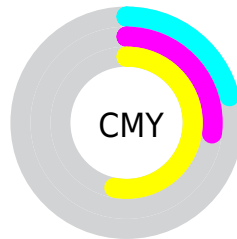
- Red (79%)
- Green (73%)
- Blue (47%)



- Red (54%)
- Yellow (79%)
- Blue (47%)



- Cyan (0%)
- Magenta (7%)
- Yellow (41%)
- Black (21%)



- Cyan (21%)
- Magenta (27%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CABB77 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 CABB77 by changing the saturation by 10% instead.





CABB77



CABB77

FFFFFF



AEA05E



FFF3AC



928645



FFFFC8



786D2D



FFFFE4



5E5515



453E00



2D2800



131400



000000



CABB77



CABB77

 CAB763

 CABF8B

 CAB44F

 CAC29F

 CAB03A

 CAC6B4

 CAAC26

 CACAC8

 CAA912

 CACDDC

 CAA500

 CAD1F0

 CAD5FF

 CAD8FF

 CADCFE

# Harmonies

## Analogous

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



E8AF7D



CABB77



A5C584

# Triad

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



CABB77



41CBE2



ECA5D6

# Complementary

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



CABB77



7786CA

# 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.



C9AFF1



CABB77



63C5F8

# Square

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



CABB77



54CDC1



98BBFD



FCA1B4

# Rectangle

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



CABB77



8BC995



98BBFD



E2A8E0



# Sweetspot

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



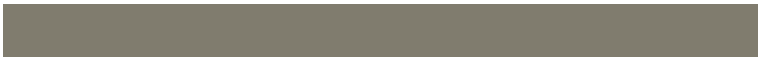
CABB77



FFF9E0



CA7786



807C6E



000000



808080



# Same Dimension

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



CABB77



FFE882



B0CA77



66645C



A68800



261F00



# Inverse Universe

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



7786CA



8299FF



9177CA



5C5E66



001EA6



000726



# Previews

## White Background



This preview shows how the Hex color CABB77 looks on a white background.

## Color Contrast Check

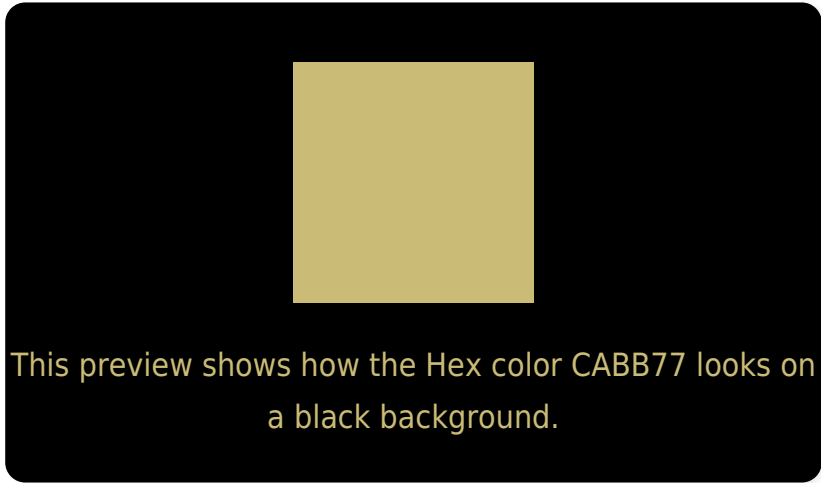
Large Text (above 18pt) WCAG AA × Fail

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

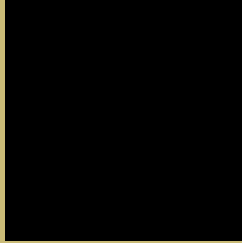
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CABB77 Background



This preview shows how black text looks on a background with the Hex color CABB77.

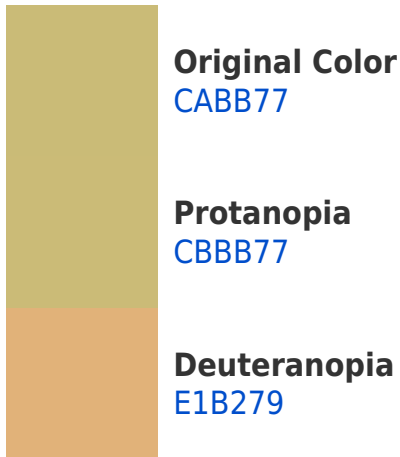


This preview shows how white text looks on a background with the Hex color CABB77.

# 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](#).

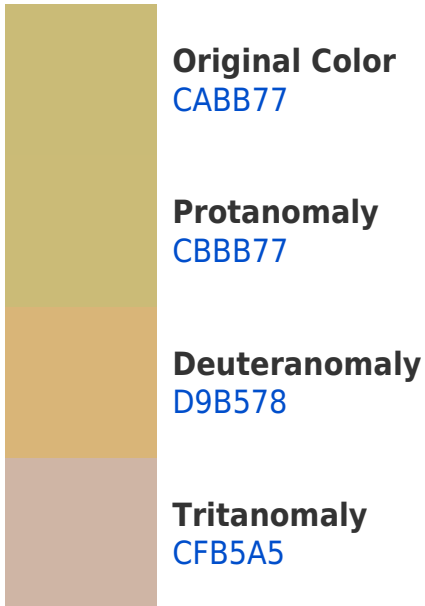
## Dichromacy



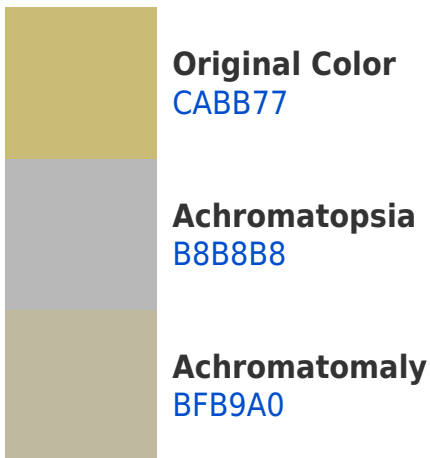


**Tritanopia**  
D2B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CABB77 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 #CABB77 looks like.

```
.text, #text, p{  
    color:#CABB77  
}
```

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 #CABB77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CABB77  
}
```

## Border

The CSS property to change the border of an element to Hex CABB77 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  
#CABB77 }
```

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

```
.border{ border-color:#CABB77 }
```

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

Here you see how a box with a 4 pixel #CABB77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CABB77; -webkit-box-shadow:4px 4px  
4px 4px #CABB77; box-shadow:4px 4px 4px  
4px #CABB77 }
```

# Background

The CSS property to change the background color of an element to Hex CABB77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CABB77 }
```

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

```
.background{ background-color:#CABB77 }
```

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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