

# Converting Colors

Hex(CAB790)

Have a look what the booklet for  
Hex(CAB790) contains.

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**Color**

**Hex(CAB790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAB790
RGB	202, 183, 144
RGB Percent	79%, 72%, 56%
CMY	0.2078, 0.2824, 0.4353
CMYK	0.00, 0.09, 0.29, 0.21
HSL	40°, 35%, 68%
HSV	40°, 29%, 79%
XYZ	46.3246, 48.4371, 33.2933
YIQ	184.2350, 23.8430, -8.1010

# Conversions

## Conversions Part 2

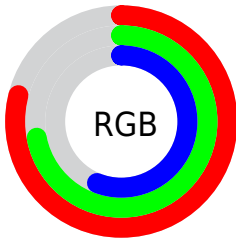
Format	Color
<b>RYB</b>	172, 202, 144
Decimal	13285264
CIELab	75.10, 0.81, 22.33
CIElCh	75, 22.344, 87.914
Yxy	48.4371, 0.3618, 0.3783
Android (android.graphics.Color)	4291475344 (0xFFCAB790)
YUV	184.2350, -19.8359, 15.5799
Hunter-Lab	69.5968, -2.9822, 20.3550

# Details

The Hex color **CAB790** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **90A3CA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFEFC6**, and **93825D** is the 20% darker color. If you saturate the color by 10%, you get **CAB07C**, and if you desaturate by 10%, it is **CABEA4**.

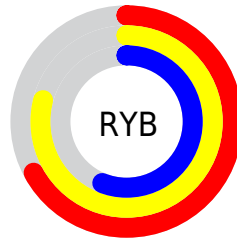
# Distribution



Red (79%)

Green (72%)

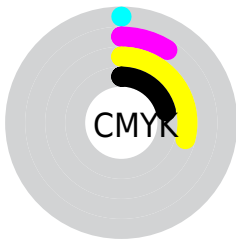
Blue (56%)



Red (67%)

Yellow (79%)

Blue (56%)

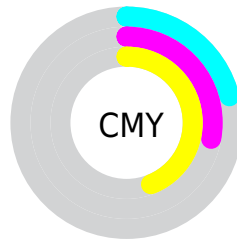


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (21%)



Cyan (21%)

Magenta (28%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAB790 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 CAB790 by changing the saturation by 10% instead.





CAB790



CAB790

FFFFFF



AE9C76



FFEFC6



93825D



FFFFE2



796945



5F512F



473A19



302500



181000



000000



CAB790



CAB790

 CAB07C

 CABEA4

 CAAA68

 CAC4B8

 CAA353

 CACBCD

 CA9D3F

 CAD1E1

 CA962B

 CAD8F5

 CA8F17

 CADFFF

 CA8903

 CAE5FF

 CA8800

 CAECFF

 CAF3FF

# Harmonies

## Analogous

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



DBB097



CAB790



B4BD94

# Triad

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



CAB790



80C4CB



D2AECF

# Complementary

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



CAB790



90A3CA

# 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.



BBB4DD



CAB790



88C1DB

# Square

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



CAB790



88C5B7



9FBBE2



E1AABB

# Rectangle

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



CAB790



A4C19D



9FBBE2



CBB0D5

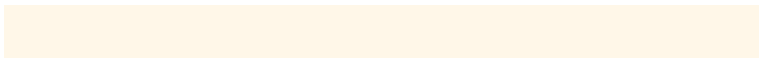


# Sweetspot

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



CAB790



FFF7E8



CA90A3



807B71



000000



808080



# Same Dimension

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



CAB790



FFE3A8



C0CA90



66635C



A66F00



261A00



# Inverse Universe

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



90A3CA



A8C5FF



9A90CA



5C5F66



0036A6



000D26



# Previews

## White Background



This preview shows how the Hex color CAB790 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



This preview shows how the Hex color CAB790 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

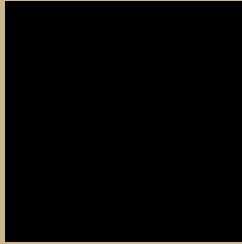
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CAB790 Background



This preview shows how black text looks on a background with the Hex color CAB790.

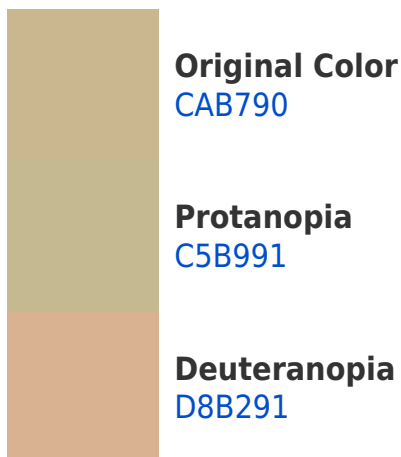


This preview shows how white text looks on a background with the Hex color CAB790.

# Color Blindness Simulation

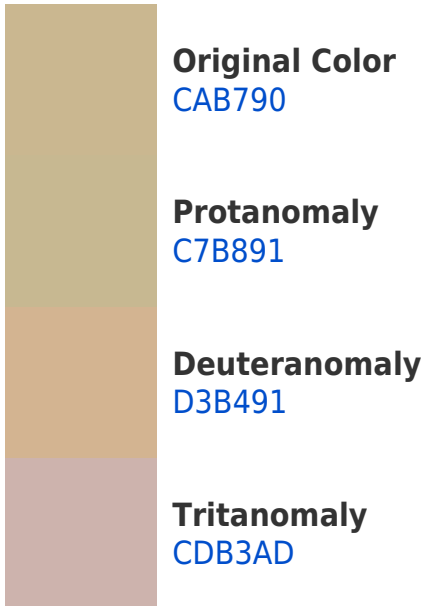
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

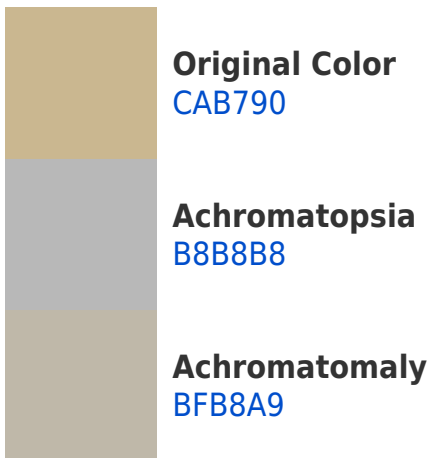




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAB790 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 #CAB790 looks like.

```
.text, #text, p{  
    color:#CAB790  
}
```

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 #CAB790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB790
}
```

## Border

The CSS property to change the border of an element to Hex CAB790 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
#CAB790 }
```

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

```
.border{ border-color:#CAB790 }
```

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

Here you see how a box with a 4 pixel #CAB790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB790; -webkit-box-shadow:4px 4px  
4px 4px #CAB790; box-shadow:4px 4px 4px  
4px #CAB790 }
```

# Background

The CSS property to change the background color of an element to Hex CAB790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB790 }
```

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

```
.background{ background-color:#CAB790 }
```

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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