

# Converting Colors

Hex(BAB085)

Have a look what the booklet for  
Hex(BAB085) contains.

<b>Hex(BAB085)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BAB085)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAB085
RGB	186, 176, 133
RGB Percent	73%, 69%, 52%
CMY	0.2706, 0.3098, 0.4784
CMYK	0.00, 0.05, 0.28, 0.27
HSL	49°, 28%, 63%
HSV	49°, 28%, 73%
XYZ	40.0087, 43.1832, 28.4168
YIQ	174.0880, 19.7630, -11.2530

# Conversions

## Conversions Part 2

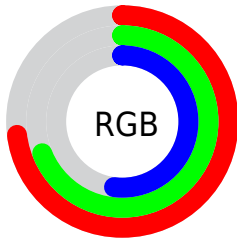
Format	Color
<a href="#">RYB</a>	<a href="#">145, 186, 133</a>
Decimal	<a href="#">12234885</a>
CIELab	<a href="#">71.68, -3.21, 23.36</a>
CIELCh	<a href="#">72, 23.579, 97.814</a>
Yxy	<a href="#">43.1832, 0.3585, 0.3869</a>
Android (android.graphics.Color)	<a href="#">4290424965 (0xFFBAB085)</a>
YUV	<a href="#">174.0880, -20.2564, 10.4468</a>
Hunter-Lab	<a href="#">65.7139, -6.3231, 20.3609</a>

# Details

The Hex color **BAB085** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **858FBA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F3E8BA**, and **847C53** is the 20% darker color. If you saturate the color by 10%, you get **BAAC72**, and if you desaturate by 10%, it is **BAB498**.

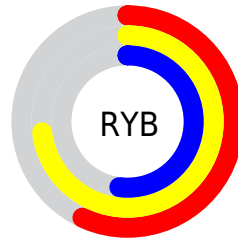
# Distribution



Red (73%)

Green (69%)

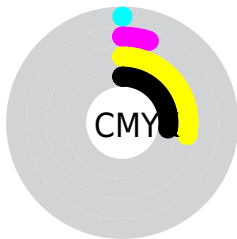
Blue (52%)



Red (57%)

Yellow (73%)

Blue (52%)

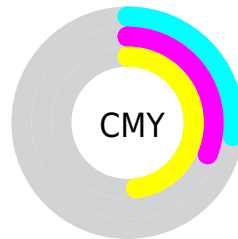


Cyan (0%)

Magenta (5%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAB085 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 BAB085 by changing the saturation by 10% instead.



 BAB085

 BAB085

FFFFFF

 9F956C

 F3E8BA

 847C53

 FFFFD6

 6A633C

 FFFFF3

 524B25

 3A3410

 241F00

 010800

 000000

 BAB085

 BAB085

 BAAC72

 BAB498

 BAA960

 BAB7AA

 BAA54D

 BABBBD

 BAA23B

 BABECF

 BA9E28

 BAC2E2

 BA9B15

 BAC5F5

 BA9703

 BAC9FF

 BA9700

 BACCFE

 BAD0FF

# Harmonies

## Analogous

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



CEA988



BAB085



A2B68D

# Triad

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



BAB085



73BAC9



D0A2C0

# Complementary

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



BAB085



858FBA

# 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.



BAA8D2



BAB085



82B6D7

# Square

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



BAB085



77BCB5



9EB0DA



DBA0AB

# Rectangle

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



BAB085



92B998



9EB0DA



CAA4C7



# Sweetspot

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



BAB085



F2EEDC



BA8590



7A786D



FAFAFA



7A7A7A



# Same Dimension

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



BAB085



F2E3A0



AABA85



5C5A53



9C7E00



1C1700



# Inverse Universe

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



858FBA



A0AFF2



9585BA



53545C



001D9C



00051C



# Previews

## White Background



This preview shows how the Hex color BAB085 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

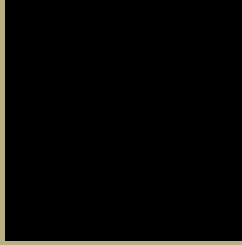
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

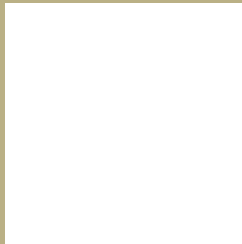
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BAB085 Background



This preview shows how black text looks on a background with the Hex color BAB085.

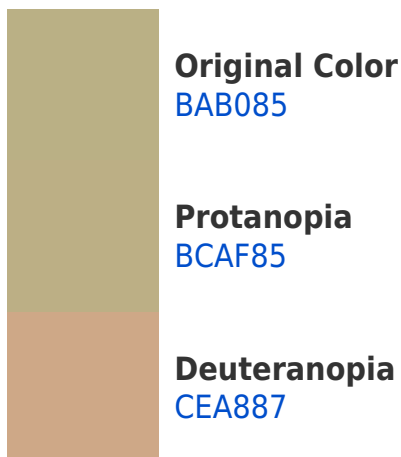


This preview shows how white text looks on a background with the Hex color BAB085.

# 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](#).

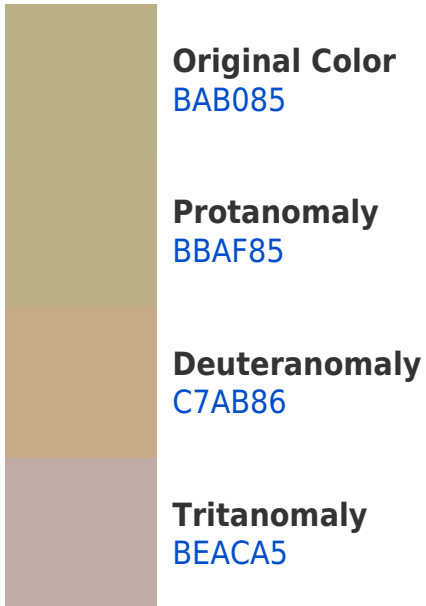
## Dichromacy



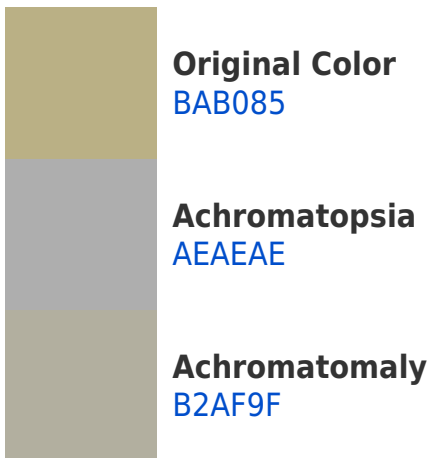


**Tritanopia**  
C0A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAB085 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 #BAB085 looks like.

```
.text, #text, p{  
    color:#BAB085  
}
```

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 #BAB085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAB085
}
```

## Border

The CSS property to change the border of an element to Hex BAB085 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
#BAB085 }
```

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

```
.border{ border-color:#BAB085 }
```

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

Here you see how a box with a 4 pixel #BAB085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAB085; -webkit-box-shadow:4px 4px  
4px 4px #BAB085; box-shadow:4px 4px 4px  
4px #BAB085 }
```

# Background

The CSS property to change the background color of an element to Hex BAB085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAB085 }
```

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

```
.background{ background-color:#BAB085 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor