

# Converting Colors

Hex(BA866D)

Have a look what the booklet for  
Hex(BA866D) contains.

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**Color**

**Hex(BA866D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA866D
RGB	186, 134, 109
RGB Percent	73%, 53%, 43%
CMY	0.2706, 0.4745, 0.5725
CMYK	0.00, 0.28, 0.41, 0.27
HSL	19°, 36%, 58%
HSV	19°, 41%, 73%
XYZ	31.5351, 28.5934, 18.3250
YIQ	146.6980, 39.0170, 3.2490

# Conversions

## Conversions Part 2

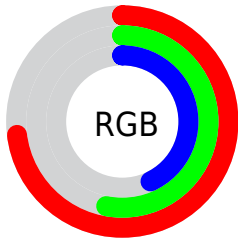
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 146, 109
Decimal	12224109
CIE <sub>Lab</sub>	60.42, 16.74, 21.34
CIE <sub>LCh</sub>	60, 27.122, 51.883
Yxy	28.5934, 0.4020, 0.3645
Android (android.graphics.Color)	4290414189 (0xFFBA866D)
YUV	146.6980, -18.5851, 34.4679
Hunter-Lab	53.4728, 11.6913, 17.1124

# Details

The Hex color **BA866D** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6DA1BA**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F4BBA1**, and **83543D** is the 20% darker color. If you saturate the color by 10%, you get **BA795A**, and if you desaturate by 10%, it is **BA9380**.

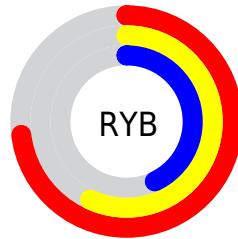
# Distribution



Red (73%)

Green (53%)

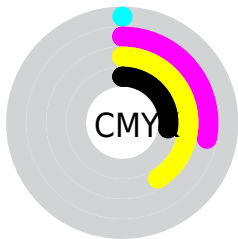
Blue (43%)



Red (73%)

Yellow (57%)

Blue (43%)

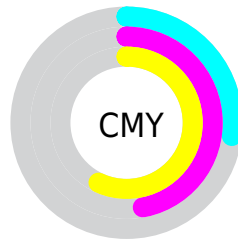


Cyan (0%)

Magenta (28%)

Yellow (41%)

Black (27%)



Cyan (27%)

Magenta (47%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA866D 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 BA866D by changing the saturation by 10% instead.



 BA866D

 BA866D

FFFFFF

 9E6D55

 F4BBA1

 83543D

 FFD7BC

 683D27

 FFF4D8

 4E2612

 FFFFF4

 361100

 1F0001

 000000

 BA866D

 BA866D

 BA795A

 BA9380

 BA6D48

 BA9F92

 BA6035

 BAACA5

 BA5423

 BAB8B7

 BA4710

 BAC5CA

 BA3C00

 BAD1DD

 BADEEF

 BAEAFF

 BAF7FF

# Harmonies

## Analogous

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



C28181



BA866D



A88E63

# Triad

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



BA866D



599E8A



8C8EBE

# Complementary

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



BA866D



6DA1BA

# 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.



6996C1



BA866D



469FA3

# Square

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



BA866D



759B73



4B9CB7



AA86AF

# Rectangle

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



BA866D



999363



4B9CB7



8091C0

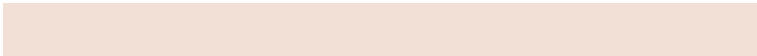


# Sweetspot

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



BA866D



F2DFD5



BA6DA2



7A6F69



FAFAFA



7A7A7A



# Same Dimension

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



BA866D



F2A079



BAAC6D



5C5653



9C3300



1C0900



# Inverse Universe

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



6DA1BA



79CBF2



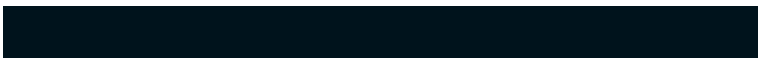
6D7BBA



53595C



00699C



00131C



# Previews

## White Background



This preview shows how the Hex color BA866D looks on a white background.

## Color Contrast Check

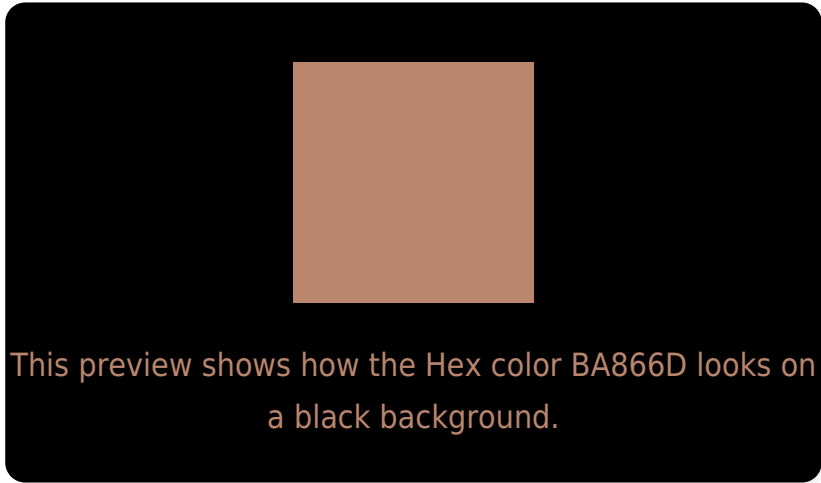
Large Text (above 18pt) WCAG AA ✓ Pass

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

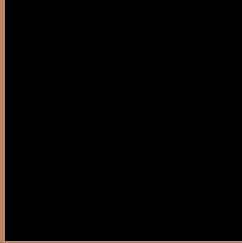
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BA866D Background



This preview shows how black text looks on a background with the Hex color BA866D.

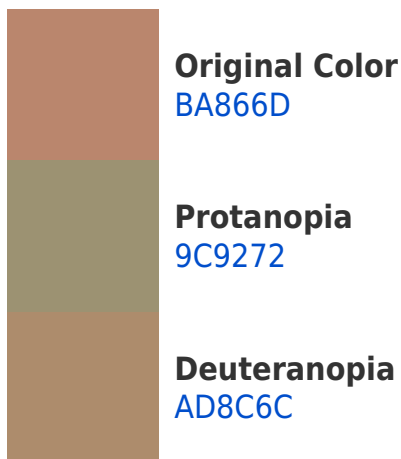



This preview shows how white text looks on a background with the Hex color BA866D.

# 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](#).

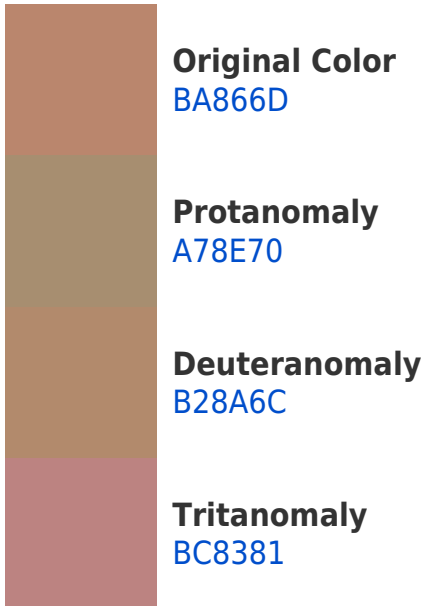
## Dichromacy



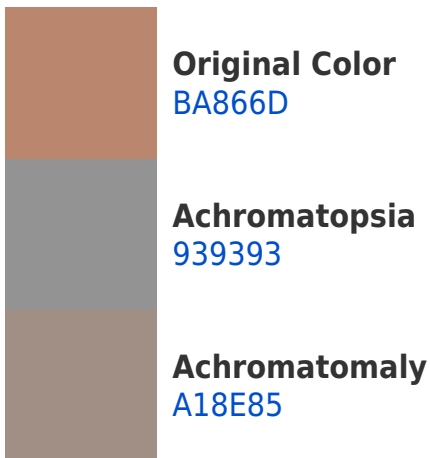


**Tritanopia**  
BD828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA866D 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 #BA866D looks like.

```
.text, #text, p{  
    color:#BA866D  
}
```

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 #BA866D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA866D
}
```

## Border

The CSS property to change the border of an element to Hex BA866D 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
#BA866D }
```

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

```
.border{ border-color:#BA866D }
```

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

Here you see how a box with a 4 pixel #BA866D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA866D; -webkit-box-shadow:4px 4px  
4px 4px #BA866D; box-shadow:4px 4px 4px  
4px #BA866D }
```

# Background

The CSS property to change the background color of an element to Hex BA866D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA866D }
```

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

```
.background{ background-color:#BA866D }
```

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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