

# Converting Colors

Hex(BEA887)

Have a look what the booklet for  
Hex(BEA887) contains.

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# **Color**

**Hex(BEA887)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEA887
RGB	190, 168, 135
RGB Percent	75%, 66%, 53%
CMY	0.2549, 0.3412, 0.4706
CMYK	0.00, 0.12, 0.29, 0.25
HSL	36°, 30%, 64%
HSV	36°, 29%, 75%
XYZ	39.6110, 40.7017, 28.6902
YIQ	170.8160, 23.7050, -5.5990

# Conversions

## Conversions Part 2

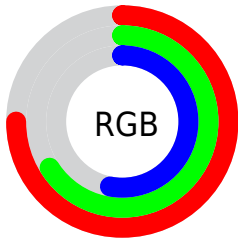
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 190, 135
Decimal	12494983
CIELab	69.97, 2.93, 20.00
CIElCh	70, 20.212, 81.662
Yxy	40.7017, 0.3634, 0.3734
Android (android.graphics.Color)	4290685063 (0xFFBEA887)
YUV	170.8160, -17.6573, 16.8244
Hunter-Lab	63.7979, -0.8187, 17.9956

# Details

The Hex color **BEA887** is a light color, and the websafe version is hex **999966**. A complement of this color would be **879DBE**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **F7DFBC**, and **887455** is the 20% darker color. If you saturate the color by 10%, you get **BEA074**, and if you desaturate by 10%, it is **BEB09A**.

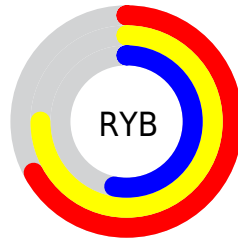
# Distribution



Red (75%)

Green (66%)

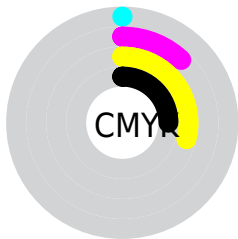
Blue (53%)



Red (67%)

Yellow (75%)

Blue (53%)

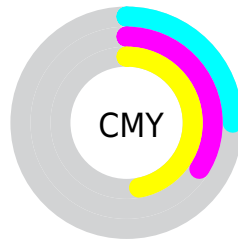


Cyan (0%)

Magenta (12%)

Yellow (29%)

Black (25%)



Cyan (25%)

Magenta (34%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEA887 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 BEA887 by changing the saturation by 10% instead.





BEA887



BEA887

FFFFFF



A38E6E



F7DFBC



887455



FFLCD8



6E5C3E



FFFFF5



554427



3D2E12



271900



070000



000000



BEA887



BEA887

 BEA074

 BEB09A

 BE9961

 BEB7AD

 BE914E

 BEBFC0

 BE8A3B

 BEC6D3

 BE8228

 BECEE6

 BE7A15

 BED6F9

 BE7302

 BEDDFF

 BE7200

 BEE5FF

 BEECFE

# Harmonies

## Analogous

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



CCA28F



BEA887



ABAE89

# Triad

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



BEA887



79B5B8



BEA2C2

# Complementary

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



BEA887



879DBE

# 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.



A8A8CD



BEA887



7DB3C7

# Square

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



BEA887



83B5A5



8FAECF



CD9EB1

# Rectangle

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



BEA887



9DB18F



8FAECF



B7A4C6

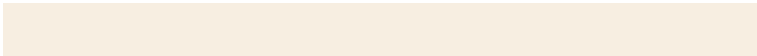


# Sweetspot

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



BEA887



F7EEE1



BE879D



7D776F



FCFCFC



7D7D7D



# Same Dimension

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



BEA887



F7D5A1



B9BE87



5E5B55



9E5F00



1F1200



# Inverse Universe

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



879DBE



A1C3F7



8D87BE



55595E



003F9E

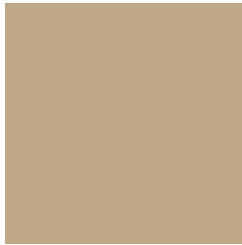


000C1F



# Previews

## White Background



This preview shows how the Hex color BEA887 looks on a white background.

## Color Contrast Check

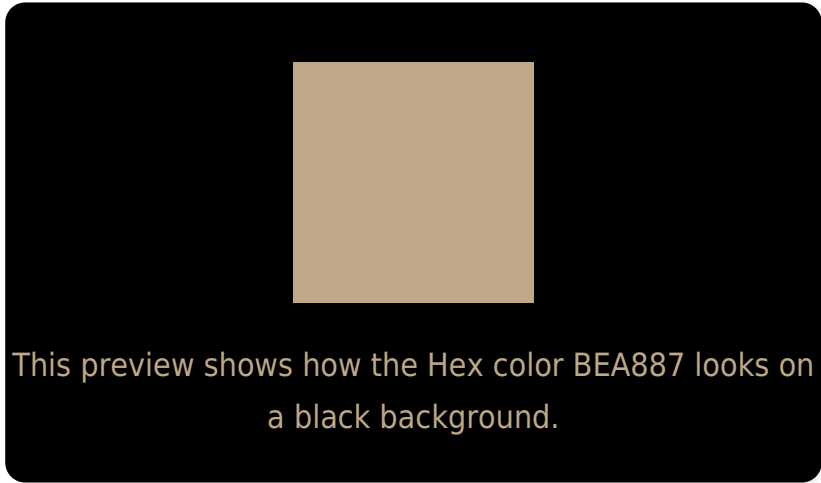
Large Text (above 18pt) WCAG AA × Fail

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

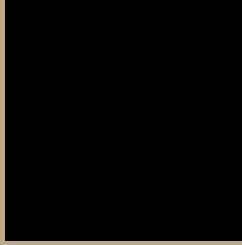
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

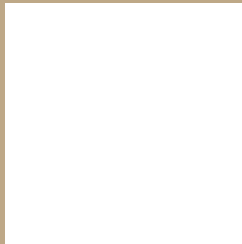
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BEA887 Background



This preview shows how black text looks on a background with the Hex color BEA887.

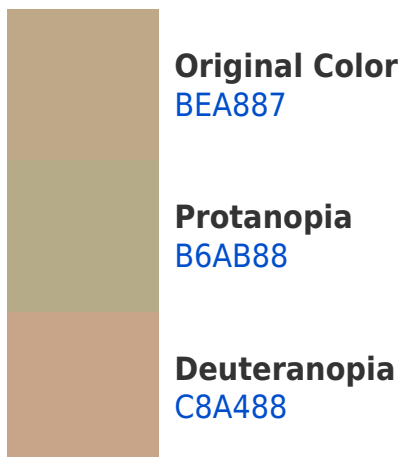


This preview shows how white text looks on a background with the Hex color BEA887.

# 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**  
C3A2AF

# Trichromacy



**Original Color**  
BEA887

**Protanomaly**  
B9AA88

**Deuteranomaly**  
C4A588

**Tritanomaly**  
C1A4A0

# Monochromacy



**Original Color**  
BEA887

**Achromatopsia**  
ABABAB

**Achromatomaly**  
B2AA9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEA887 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 #BEA887 looks like.

```
.text, #text, p{  
    color:#BEA887  
}
```

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 #BEA887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA887  
}
```

## Border

The CSS property to change the border of an element to Hex BEA887 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  
#BEA887 }
```

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

```
.border{ border-color:#BEA887 }
```

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

Here you see how a box with a 4 pixel #BEA887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA887; -webkit-box-shadow:4px 4px  
4px 4px #BEA887; box-shadow:4px 4px 4px  
4px #BEA887 }
```

# Background

The CSS property to change the background color of an element to Hex BEA887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA887 }
```

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

```
.background{ background-color:#BEA887 }
```

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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