

# Converting Colors

Hex(B49D87)

Have a look what the booklet for  
Hex(B49D87) contains.

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# **Color**

**Hex(B49D87)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B49D87
RGB	180, 157, 135
RGB Percent	71%, 62%, 53%
CMY	0.2941, 0.3843, 0.4706
CMYK	0.00, 0.13, 0.25, 0.29
HSL	29°, 23%, 62%
HSV	29°, 25%, 71%
XYZ	35.2525, 35.5665, 27.9287
YIQ	161.3690, 20.7700, -1.9660

# Conversions

## Conversions Part 2

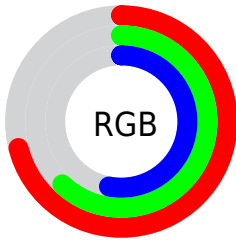
Format	Color
<a href="#">RYB</a>	<a href="#">180, 178, 135</a>
Decimal	<a href="#">11836807</a>
CIELab	<a href="#">66.19, 4.99, 14.63</a>
CIElCh	<a href="#">66, 15.454, 71.176</a>
Yxy	<a href="#">35.5665, 0.3570, 0.3602</a>
Android (android.graphics.Color)	<a href="#">4290026887 (0xFFB49D87)</a>
YUV	<a href="#">161.3690, -12.9999, 16.3394</a>
Hunter-Lab	<a href="#">59.6377, 1.1476, 13.9805</a>

# Details

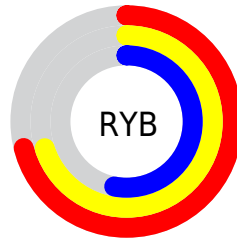
The Hex color **B49D87** is a light color, and the websafe version is hex **999999**. A complement of this color would be **879EB4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **ECD4BC**, and **7F6A55** is the 20% darker color. If you saturate the color by 10%, you get **B49475**, and if you desaturate by 10%, it is **B4A699**.

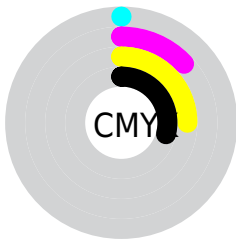
# Distribution



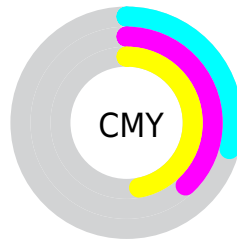
- Red (71%)
- Green (62%)
- Blue (53%)



- Red (71%)
- Yellow (70%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (29%)



- Cyan (29%)
- Magenta (38%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B49D87 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 B49D87 by changing the saturation by 10% instead.





B49D87



B49D87

FFFFFF



99836E



ECD4BC



7F6A55



FFF0D8



65523E



FFFFF5



4D3B28



352513



201000



000000



B49D87



B49D87



B49475



B4A699

 B48B63

 B4AFAB

 B48151

 B4B9BD

 B4783F

 B4C2CF

 B46F2D

 B4CBE1

 B4661B

 B4D4F3

 B45D09

 B4DDFF

 B45800

 B4E7FF

 B4F0FF

# Harmonies

## Analogous

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



BC998F



B49D87



A6A286

# Triad

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



B49D87



7EA9A6



AA9CB6

# Complementary

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



B49D87



879EB4

# 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.



98A0BC



B49D87



7DA8B3

# Square

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



B49D87



88A897



87A5BB



B798AA

# Rectangle

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



B49D87



9CA489



87A5BB



A49DB9



# Sweetspot

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



B49D87



EBE1D8



B4879E



756F6A



F5F5F5



757575



# Same Dimension

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



B49D87



EBC7A4



B4B387



595550



994B00



1A0C00



# Inverse Universe

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



879EB4



A4C8EB



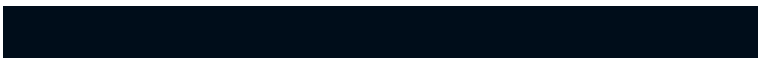
8788B4



505559



004E99



000D1A



# Previews

## White Background



This preview shows how the Hex color B49D87 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 B49D87 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

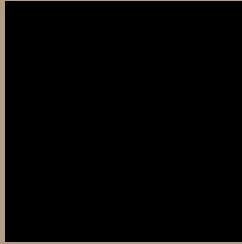
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B49D87 Background



This preview shows how black text looks on a background with the Hex color B49D87.

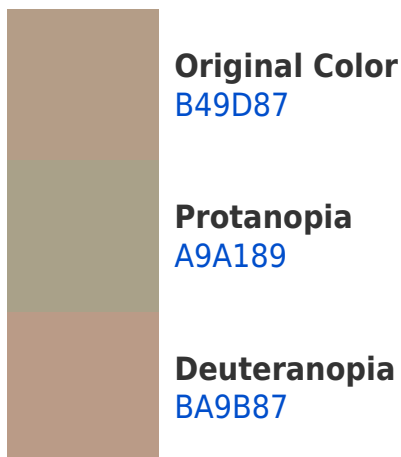


This preview shows how white text looks on a background with the Hex color B49D87.

# 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**  
B899A5

# Trichromacy



**Original Color**  
B49D87

**Protanomaly**  
ADA088

**Deuteranomaly**  
B89C87

**Tritanomaly**  
B79A9A

# Monochromacy



**Original Color**  
B49D87

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
A8A098

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B49D87 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 #B49D87 looks like.

```
.text, #text, p{  
    color:#B49D87  
}
```

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 #B49D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B49D87
}
```

## Border

The CSS property to change the border of an element to Hex B49D87 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
#B49D87 }
```

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

```
.border{ border-color:#B49D87 }
```

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

Here you see how a box with a 4 pixel #B49D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B49D87; -webkit-box-shadow:4px 4px  
4px 4px #B49D87; box-shadow:4px 4px 4px  
4px #B49D87 }
```

# Background

The CSS property to change the background color of an element to Hex B49D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B49D87 }
```

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

```
.background{ background-color:#B49D87 }
```

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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