

Converting Colors

Hex(B3A49F)

Have a look what the booklet for
Hex(B3A49F) contains.

| | |
|--|----|
| Hex(B3A49F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(B3A49F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B3A49F |
| RGB | 179, 164, 159 |
| RGB Percent | 70%, 64%, 62% |
| CMY | 0.2980, 0.3569, 0.3765 |
| CMYK | 0.00, 0.08, 0.11, 0.30 |
| HSL | 15°, 12%, 66% |
| HSV | 15°, 11%, 70% |
| XYZ | 38.1239, 38.6378, 38.2494 |
| YIQ | 167.9150, 10.5450, 1.6250 |

Conversions

Conversions Part 2

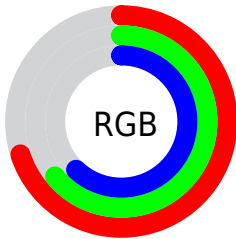
| Format | Color |
|-------------------------------------|--|
| RYB | 179, 166, 159 |
| Decimal | 11773087 |
| CIELab | 68.49, 4.57, 4.55 |
| CIELCh | 68, 6.449, 44.881 |
| Yxy | 38.6378, 0.3315, 0.3359 |
| Android (android.graphics.Color) | 4289963167 (0xFFB3A49F) |
| YUV | 167.9150, -4.3951, 9.7215 |
| Hunter-Lab | 62.1593, 0.6997, 7.0278 |

Details

The Hex color **B3A49F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9FAEB3**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **EBDBD6**, and **7E706C** is the 20% darker color. If you saturate the color by 10%, you get **B3978D**, and if you desaturate by 10%, it is **B3B1B1**.

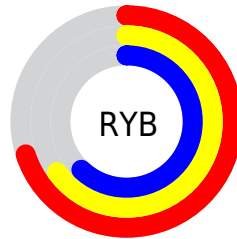
Distribution



Red (70%)

Green (64%)

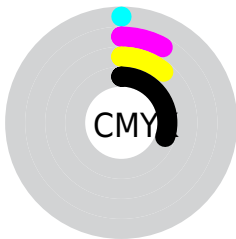
Blue (62%)



Red (70%)

Yellow (65%)

Blue (62%)

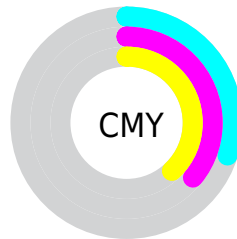


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3A49F 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 B3A49F by changing the saturation by 10% instead.



B3A49F



B3A49F

FFFFFF



988A85



EBDBD6



7E706C



FFF7F2



655853



4D413C



362B27



211612



000000



B3A49F



B3A49F



B3978D



B3B1B1

 B3897B

 B3BFC3

 B37C69

 B3CCD5

 B36E57

 B3DAE7

 B36146

 B3E7F9

 B35334

 B3F5FF

 B34622

 B3FFFF

 B33910

 B32D00

Harmonies

Analogous

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



B4A3A4



B3A49F



AFA69C

Triad

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



B3A49F



9CAAA4



A5A6B2

Complementary

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



B3A49F



9FAEB3

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.



9EA8B2



B3A49F



99ABAA

Square

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



B3A49F



A2A99F



9AAAAF



ACA5AF

Rectangle

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



B3A49F



ABA79B



9AAAAF



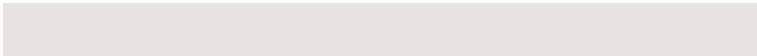
A2A7B2

Sweetspot

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



B3A49F



E8E3E1



B39FAE



757271



F5F5F5



757575

Same Dimension

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



B3A49F



E8D1CA



B3AE9F



595350



992600



1A0600

Inverse Universe

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



9FAEB3



CAE1E8



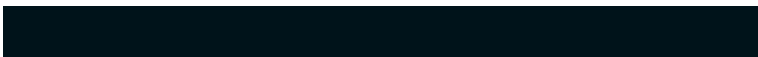
9FA4B3



505759



007399



00131A

Previews

White Background



This preview shows how the Hex color B3A49F looks on a white background.

Color Contrast Check

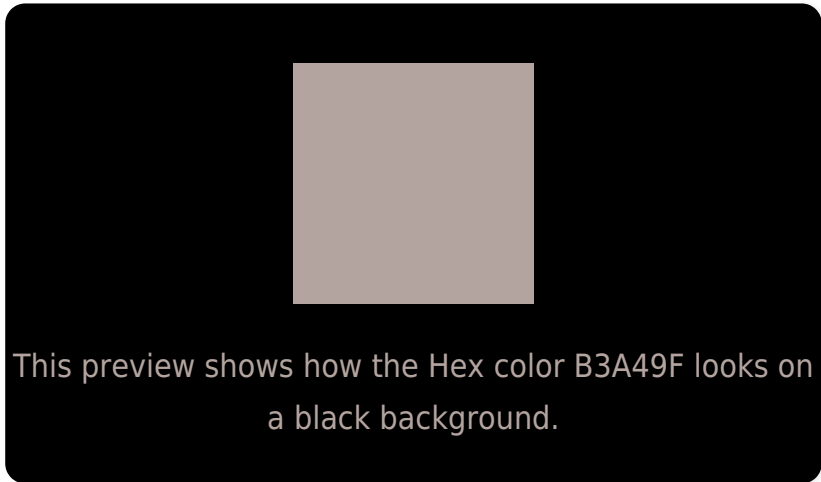
Large Text (above 18pt) WCAG AA × Fail

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

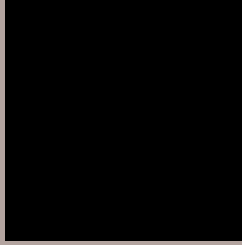
Any Text WCAG AA ✓ Pass

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 B3A49F Background



This preview shows how black text looks on a background with the Hex color B3A49F.



This preview shows how white text looks on a background with the Hex color B3A49F.

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



Original Color
B3A49F

Protanopia
ACA6A0

Deuteranopia
BAA1A0



Tritanopia
B5A2AE

Trichromacy



Original Color
B3A49F

Protanomaly
AFA5A0

Deuteranomaly
B7A2A0

Tritanomaly
B4A3A9

Monochromacy



Original Color
B3A49F

Achromatopsia
A8A8A8

Achromatomaly
ACA7A5

CSS Examples

Text

The CSS property to change the color of the text to Hex B3A49F 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 #B3A49F looks like.

```
.text, #text, p{  
    color:#B3A49F  
}
```

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 #B3A49F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3A49F
}
```

Border

The CSS property to change the border of an element to Hex B3A49F is called "border". The border property can be set on classes, ids or directly on the HTML element.

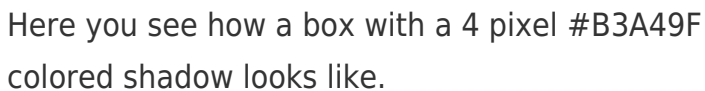
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3A49F }
```

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

```
.border{ border-color:#B3A49F }
```

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



Here you see how a box with a 4 pixel #B3A49F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3A49F; -webkit-box-shadow:4px 4px  
4px 4px #B3A49F; box-shadow:4px 4px 4px  
4px #B3A49F }
```

Background

The CSS property to change the background color of an element to Hex B3A49F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3A49F }
```

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

```
.background{ background-color:#B3A49F }
```

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