

# Converting Colors

Hex(B3A486)

Have a look what the booklet for  
Hex(B3A486) contains.

|  |    |
|--|----|
| <b>Hex(B3A486)</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(B3A486)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | B3A486                     |
| RGB         | 179, 164, 134              |
| RGB Percent | 70%, 64%, 53%              |
| CMY         | 0.2980, 0.3569, 0.4745     |
| CMYK        | 0.00, 0.08, 0.25, 0.30     |
| HSL         | 40°, 23%, 61%              |
| HSV         | 40°, 25%, 70%              |
| XYZ         | 36.1689, 37.8559, 27.9549  |
| YIQ         | 165.0650, 18.5700, -6.1500 |

# Conversions

## Conversions Part 2

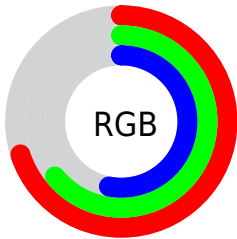
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">157, 179, 134</a>               |
| Decimal                             | <a href="#">11773062</a>                    |
| CIELab                              | <a href="#">67.91, 0.63, 17.57</a>          |
| CIELCh                              | <a href="#">68, 17.576, 87.949</a>          |
| Yxy                                 | <a href="#">37.8559, 0.3547, 0.3712</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4289963142<br/>(0xFFB3A486)</a> |
| YUV                                 | <a href="#">165.0650, -15.3150, 12.2210</a> |
| Hunter-Lab                          | <a href="#">61.5271, -2.7406, 16.1306</a>   |

# Details

The Hex color **B3A486** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8695B3**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **EBDBBB**, and **7E7054** is the 20% darker color. If you saturate the color by 10%, you get **B39E74**, and if you desaturate by 10%, it is **B3AA98**.

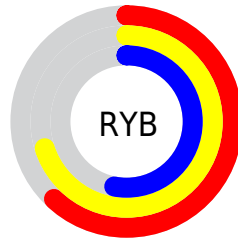
# Distribution



Red (70%)

Green (64%)

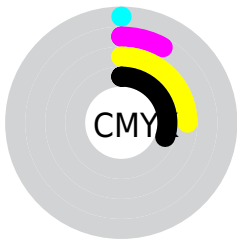
Blue (53%)



Red (62%)

Yellow (70%)

Blue (53%)

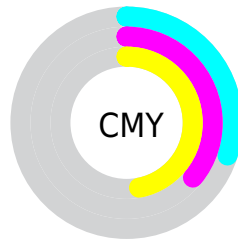


Cyan (0%)

Magenta (8%)

Yellow (25%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3A486 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 B3A486 by changing the saturation by 10% instead.





B3A486



B3A486

FFFFFF



988A6D



EBDBBB



7E7054



FFF7D7



64583D



FFFFF4



4C4127



342B12



1F1600



000000



B3A486



B3A486



B39E74



B3AA98

 B39862

 B3B0AA

 B39250

 B3B6BC

 B38C3E

 B3BCCE

 B3862D

 B3C2DF

 B3801B

 B3C8F1

 B37A09

 B3CEFF

 B37700

 B3D4FF

 B3DAFF

# Harmonies

## Analogous

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



C09F8B



B3A486



A2A989

# Triad

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



B3A486



7BAEB4



B99DB7

# Complementary

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



B3A486



8695B3

# 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.



A7A2C1



B3A486



81ACC0

# Square

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



B3A486



81AFA4



92A7C5



C49BA7

# Rectangle

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



B3A486



96AC90



92A7C5



B49EBB

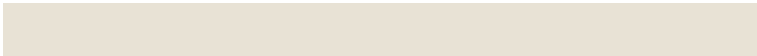


# Sweetspot

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



B3A486



E8E2D5



B38695



75716A



F5F5F5



757575



# Same Dimension

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



B3A486



E8D1A2



ABB386



595650



996600



1A1100



# Inverse Universe

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



8695B3



A2BAE8



8D86B3



505359



003399



00081A



# Previews

## White Background



This preview shows how the Hex color B3A486 looks on a white background.

## Color Contrast Check

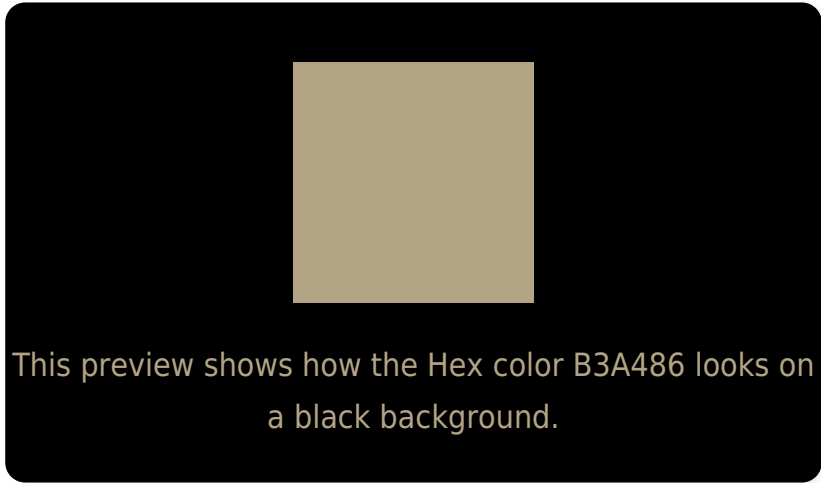
Large Text (above 18pt) WCAG AA × Fail

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

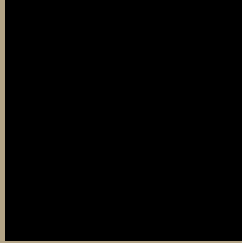
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

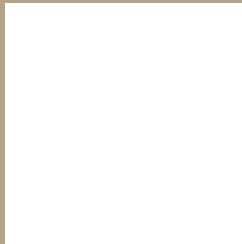
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3A486 Background



This preview shows how black text looks on a background with the Hex color B3A486.

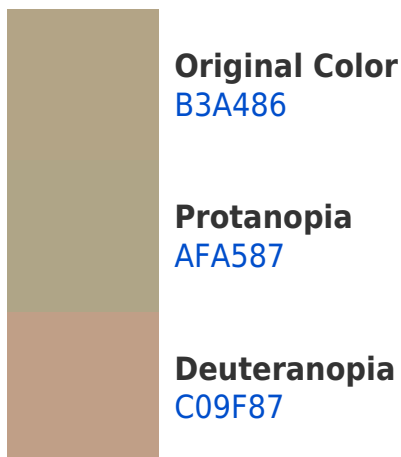


This preview shows how white text looks on a background with the Hex color B3A486.

# 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**  
B89FAB

# Trichromacy



**Original Color**  
B3A486

**Protanomaly**  
B0A587

**Deuteranomaly**  
BBA187

**Tritanomaly**  
B6A19E

# Monochromacy



**Original Color**  
B3A486

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
AAA59A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3A486 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 #B3A486 looks like.

```
.text, #text, p{  
    color:#B3A486  
}
```

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 #B3A486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3A486
}
```

## Border

The CSS property to change the border of an element to Hex B3A486 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
#B3A486 }
```

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

```
.border{ border-color:#B3A486 }
```

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

Here you see how a box with a 4 pixel #B3A486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3A486; -webkit-box-shadow:4px 4px  
4px 4px #B3A486; box-shadow:4px 4px 4px  
4px #B3A486 }
```

# Background

The CSS property to change the background color of an element to Hex B3A486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3A486 }
```

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

```
.background{ background-color:#B3A486 }
```

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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