

# Converting Colors

Hex(B3B1A7)

Have a look what the booklet for  
Hex(B3B1A7) contains.

<b>Hex(B3B1A7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B3B1A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B1A7
RGB	179, 177, 167
RGB Percent	70%, 69%, 65%
CMY	0.2980, 0.3059, 0.3451
CMYK	0.00, 0.01, 0.07, 0.30
HSL	50°, 7%, 68%
HSV	50°, 7%, 70%
XYZ	41.2876, 43.8180, 42.8408
YIQ	176.4580, 4.4020, -2.6860

# Conversions

## Conversions Part 2

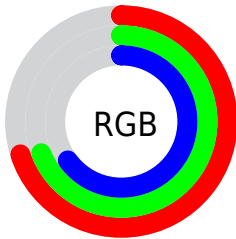
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 179, 167
Decimal	11776423
CIELab	72.11, -1.10, 5.35
CIELCh	72, 5.466, 101.585
Yxy	43.8180, 0.3227, 0.3425
Android (android.graphics.Color)	4289966503 (0xFFB3B1A7)
YUV	176.4580, -4.6628, 2.2293
Hunter-Lab	66.1952, -4.5066, 7.9647

# Details

The Hex color **B3B1A7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A7A9B3**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EBE9DE**, and **7E7C73** is the 20% darker color. If you saturate the color by 10%, you get **B3AE95**, and if you desaturate by 10%, it is **B3B4B9**.

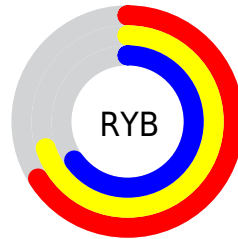
# Distribution



Red (70%)

Green (69%)

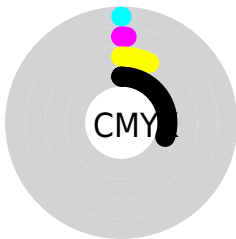
Blue (65%)



Red (66%)

Yellow (70%)

Blue (65%)

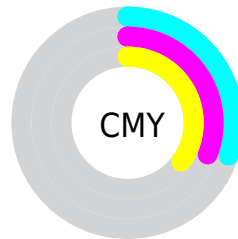


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3B1A7 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 B3B1A7 by changing the saturation by 10% instead.





B3B1A7



B3B1A7

FFFFFF



98968D



EBE9DE



7E7C73



FFFFFB



65645B



4D4C43



37352D



212018



090800



000000



B3B1A7



B3B1A7

 B3AE95

 B3B4B9

 B3AB83

 B3B7CB

 B3A871

 B3BADD

 B3A55F

 B3BDEF

 B3A24E

 B3C0FF

 B39F3C

 B3C3FF

 B39C2A

 B3C6FF

 B39918

 B3C9FF

 B39606

 B3CCFF

# Harmonies

## Analogous

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



B8AFA7



B3B1A7



ADB3A9

# Triad

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



B3B1A7



A5B3B7



B9AEB4

# Complementary

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



B3B1A7



A7A9B3

# 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.



B4AFB8



B3B1A7



A9B2BA

# Square

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



B3B1A7



A5B4B3



AEB0BA



BCADAF

# Rectangle

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



B3B1A7



AAB3AC



AEB0BA



B8AEB6

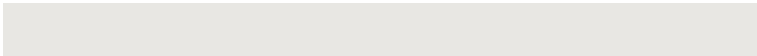


# Sweetspot

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



B3B1A7



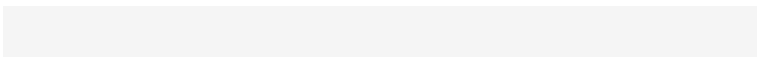
E8E7E3



B3A7A9



757573



F5F5F5



757575

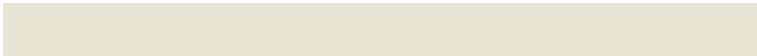


# Same Dimension

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



B3B1A7



E8E5D5



AFB3A7



595850



998000



1A1500



# Inverse Universe

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



A7A9B3



D5D9E8



ABA7B3



505259



001999

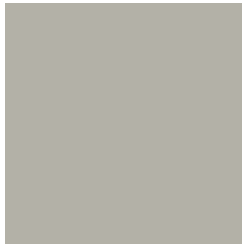


00041A



# Previews

## White Background



This preview shows how the Hex color B3B1A7 looks on a white background.

## Color Contrast Check

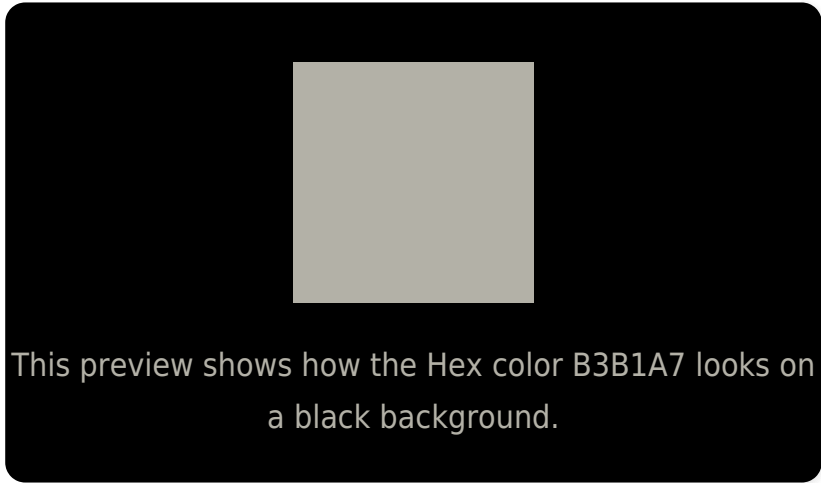
Large Text (above 18pt) WCAG AA × Fail

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

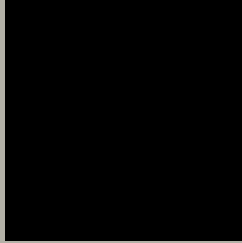
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

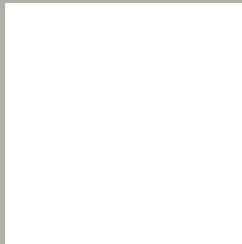
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3B1A7 Background



This preview shows how black text looks on a background with the Hex color B3B1A7.

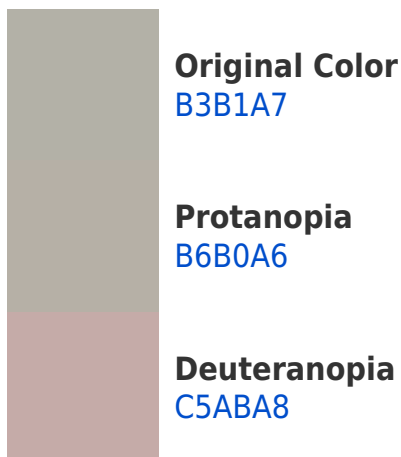


This preview shows how white text looks on a background with the Hex color B3B1A7.

# 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](#).

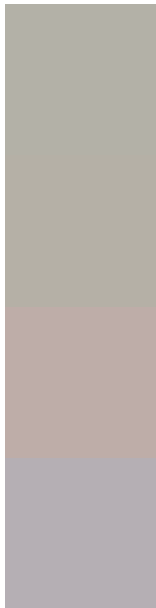
## Dichromacy





**Tritanopia**  
B6AEBC

# Trichromacy



**Original Color**  
B3B1A7

**Protanomaly**  
B5B0A6

**Deuteranomaly**  
BEADA8

**Tritanomaly**  
B5AFB4

# Monochromacy



**Original Color**  
B3B1A7

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
B1B0AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3B1A7 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 #B3B1A7 looks like.

```
.text, #text, p{  
    color:#B3B1A7  
}
```

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 #B3B1A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B1A7
}
```

## Border

The CSS property to change the border of an element to Hex B3B1A7 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
#B3B1A7 }
```

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

```
.border{ border-color:#B3B1A7 }
```

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

Here you see how a box with a 4 pixel #B3B1A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B1A7; -webkit-box-shadow:4px 4px  
4px 4px #B3B1A7; box-shadow:4px 4px 4px  
4px #B3B1A7 }
```

# Background

The CSS property to change the background color of an element to Hex B3B1A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B1A7 }
```

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

```
.background{ background-color:#B3B1A7 }
```

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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