

# Converting Colors

Hex(B2AFA7)

Have a look what the booklet for  
Hex(B2AFA7) contains.

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# **Color**

**Hex(B2AFA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2AFA7
RGB	178, 175, 167
RGB Percent	70%, 69%, 65%
CMY	0.3020, 0.3137, 0.3451
CMYK	0.00, 0.02, 0.06, 0.30
HSL	44°, 7%, 68%
HSV	44°, 6%, 70%
XYZ	40.6651, 42.9149, 42.6993
YIQ	174.9850, 4.3560, -1.8520

# Conversions

## Conversions Part 2

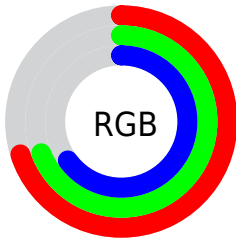
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 178, 167
Decimal	11710375
CIELab	71.50, -0.38, 4.47
CIELCh	71, 4.482, 94.906
Yxy	42.9149, 0.3220, 0.3398
Android (android.graphics.Color)	4289900455 (0xFFB2AFA7)
YUV	174.9850, -3.9366, 2.6442
Hunter-Lab	65.5095, -3.8375, 7.2112

# Details

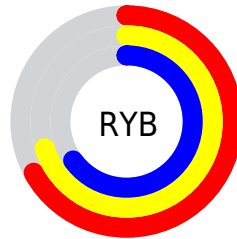
The Hex color **B2AFA7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A7AAB2**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **EAE6DE**, and **7D7B73** is the 20% darker color. If you saturate the color by 10%, you get **B2AA95**, and if you desaturate by 10%, it is **B2B4B9**.

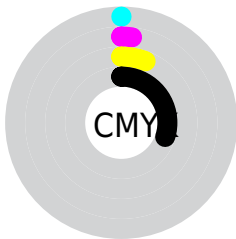
# Distribution



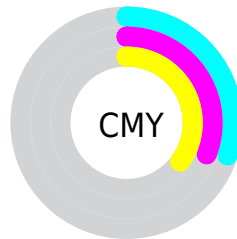
- Red (70%)
- Green (69%)
- Blue (65%)



- Red (67%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2AFA7 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 B2AFA7 by changing the saturation by 10% instead.





B2AFA7



B2AFA7

FFFFFF



97948D



EAE6DE



7D7B73



FFFFFB



64625B



4C4A43



36332D



201E18



070600



000000



B2AFA7



B2AFA7

 B2AA95

 B2B4B9

 B2A583

 B2B9CB

 B2A072

 B2BEDC

 B29C60

 B2C2EE

 B2974E

 B2C7FF

 B2923C

 B2CCFF

 B28D2A

 B2D1FF

 B28819

 B2D6FF

 B28307

 B2DBFF

# Harmonies

## Analogous

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



B6AEA8



B2AFA7



ADB0A8

# Triad

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



B2AFA7



A6B1B4



B5ADB3

# Complementary

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



**B2AFA7**



**A7AAB2**

# 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.



**B1AEB6**



**B2AFA7**



**A8B0B6**

# Square

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



B2AFA7



A6B2B0



ACAFB7



B8ACAF

# Rectangle

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



B2AFA7



AAB1AA



ACAFB7



B4ADB4

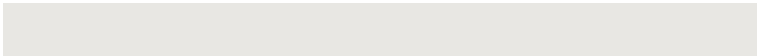


# Sweetspot

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



B2AFA7



E8E7E3



B2A7AA



757573



F5F5F5



757575

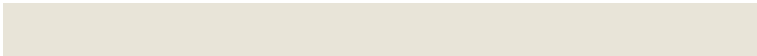


# Same Dimension

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



B2AFA7



E8E4D8



B0B2A7



595752



996F00



1A1300



# Inverse Universe

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



A7AAB2



D8DCE8



A9A7B2



525459



002A99



00071A



# Previews

## White Background



This preview shows how the Hex color B2AFA7 looks on a white background.

## Color Contrast Check

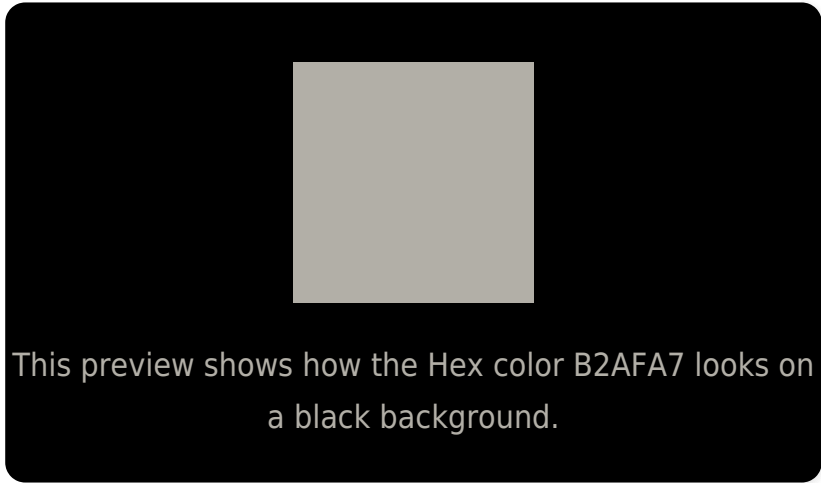
Large Text (above 18pt) WCAG AA × Fail

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

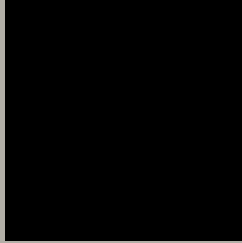
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

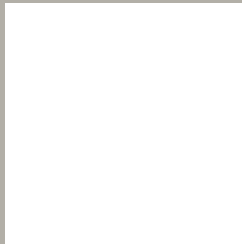
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2AFA7 Background



This preview shows how black text looks on a background with the Hex color B2AFA7.

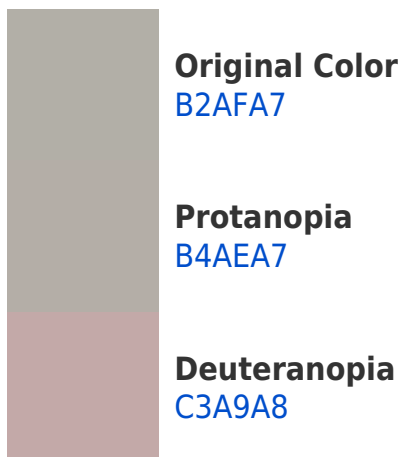


This preview shows how white text looks on a background with the Hex color B2AFA7.

# 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





# Trichromacy



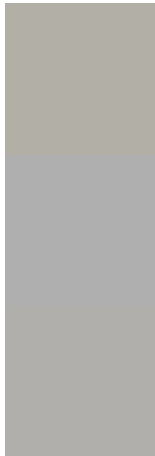
**Original Color**  
B2AFA7

**Protanomaly**  
B3AEA7

**Deuteranomaly**  
BDABA8

**Tritanomaly**  
B4ADB3

# Monochromacy



**Original Color**  
B2AFA7

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
B0AFAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2AFA7 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 #B2AFA7 looks like.

```
.text, #text, p{  
    color:#B2AFA7  
}
```

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 #B2AFA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2AFA7
}
```

## Border

The CSS property to change the border of an element to Hex B2AFA7 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
#B2AFA7 }
```

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

```
.border{ border-color:#B2AFA7 }
```

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

Here you see how a box with a 4 pixel #B2AFA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2AFA7; -webkit-box-shadow:4px 4px  
4px 4px #B2AFA7; box-shadow:4px 4px 4px  
4px #B2AFA7 }
```

# Background

The CSS property to change the background color of an element to Hex B2AFA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2AFA7 }
```

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

```
.background{ background-color:#B2AFA7 }
```

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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