

# Converting Colors

Hex(B3AEA6)

Have a look what the booklet for  
Hex(B3AEA6) contains.

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# **Color**

**Hex(B3AEA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3AEA6
RGB	179, 174, 166
RGB Percent	70%, 68%, 65%
CMY	0.2980, 0.3176, 0.3490
CMYK	0.00, 0.03, 0.07, 0.30
HSL	37°, 8%, 68%
HSV	37°, 7%, 70%
XYZ	40.6094, 42.6090, 42.1604
YIQ	174.5830, 5.5480, -1.4280

# Conversions

## Conversions Part 2

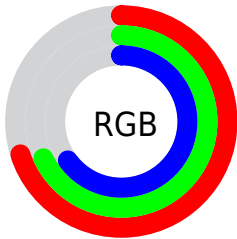
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">174, 179, 166</a>
Decimal	<a href="#">11775654</a>
CIELab	<a href="#">71.29, 0.34, 4.72</a>
CIELCh	<a href="#">71, 4.737, 85.849</a>
Yxy	<a href="#">42.6090, 0.3239, 0.3398</a>
Android (android.graphics.Color)	<a href="#">4289965734 (0xFFB3AEA6)</a>
YUV	<a href="#">174.5830, -4.2314, 3.8737</a>
Hunter-Lab	<a href="#">65.2756, -3.1834, 7.3985</a>

# Details

The Hex color **B3AEA6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A6ABB3**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **EBE5DD**, and **7E7A72** is the 20% darker color. If you saturate the color by 10%, you get **B3A794**, and if you desaturate by 10%, it is **B3B5B8**.

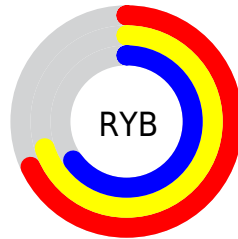
# Distribution



Red (70%)

Green (68%)

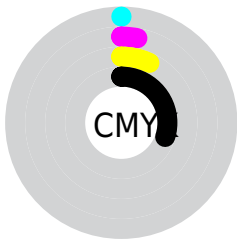
Blue (65%)



Red (68%)

Yellow (70%)

Blue (65%)

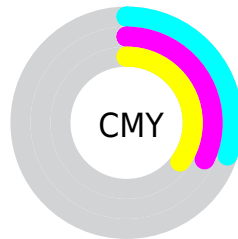


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (30%)



Cyan (30%)

Magenta (32%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3AEA6 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 B3AEA6 by changing the saturation by 10% instead.





B3AEA6



B3AEA6

FFFFFF



98938C



EBE5DD



7E7A72



FFFFFFA



65615A



4D4942



37332C



211E18



080400



000000



B3AEA6



B3AEA6

 B3A794

 B3B5B8

 B3A082

 B3BCCA

 B39970

 B3C3DC

 B3925E

 B3CAEE

 B38C4D

 B3D0FF

 B3853B

 B3D7FF

 B37E29

 B3DEFF

 B37717

 B3E5FF

 B37005

 B3ECFF

# Harmonies

## Analogous

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



B7ADA8



B3AEA6



AEAF7

# Triad

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



B3AEA6



A4B1B2



B4ACB3

# Complementary

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



B3AEA6



A6ABB3

# 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.



AFAEB6



B3AEA6



A6B0B5

# Square

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



B3AEA6



A6B1AE



AAAFB7



B7ACAF

# Rectangle

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



B3AE66



ABB0A8



AAAFB7



B2ADB5

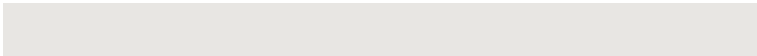


# Sweetspot

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



B3AEA6



E8E6E3



B3A6AB



757473



F5F5F5



757575

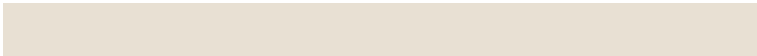


# Same Dimension

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



B3AE6



E8E0D3



B2B3A6



595650



995E00



1A1000



# Inverse Universe

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



A6ABB3



D3DBE8



A7A6B3



505459



003B99



000A1A



# Previews

## White Background



This preview shows how the Hex color B3AEA6 looks on a white background.

## Color Contrast Check

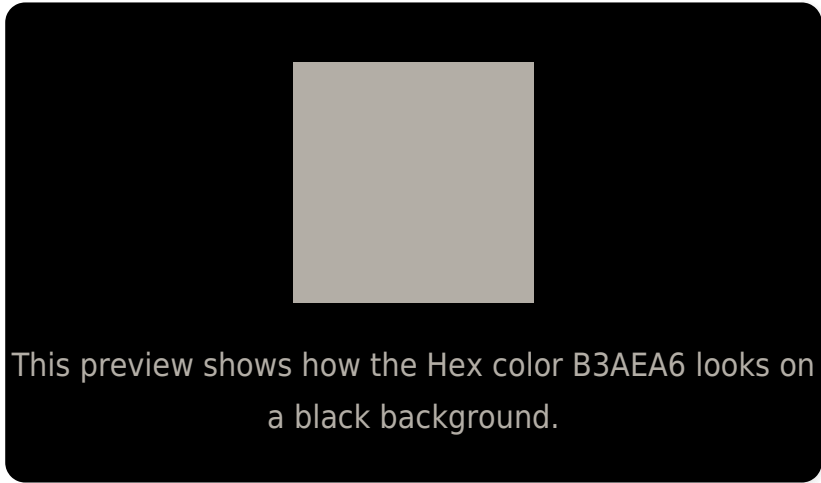
Large Text (above 18pt) WCAG AA × Fail

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

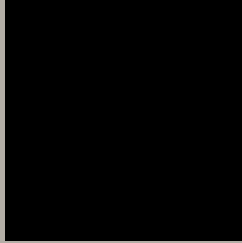
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

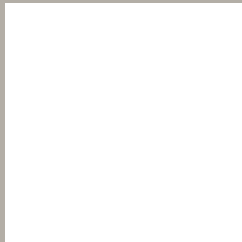
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3AEA6 Background



This preview shows how black text looks on a background with the Hex color B3AEA6.

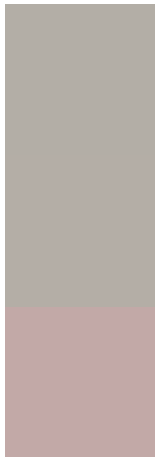


This preview shows how white text looks on a background with the Hex color B3AEA6.

# 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**  
B3AEA6

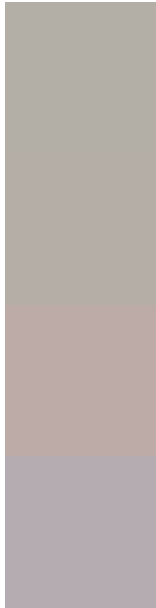
**Protanopia**  
B4AEA6

**Deuteranopia**  
C2A9A7



**Tritanopia**  
B6ABB9

# Trichromacy



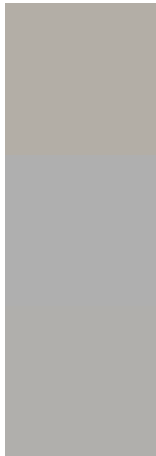
**Original Color**  
B3AEA6

**Protanomaly**  
B4AEA6

**Deuteranomaly**  
BDABA7

**Tritanomaly**  
B5ACB2

# Monochromacy



**Original Color**  
B3AEA6

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
B0AFAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3AEA6 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 #B3AEA6 looks like.

```
.text, #text, p{  
    color:#B3AEA6  
}
```

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 #B3AEA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3AEA6
}
```

## Border

The CSS property to change the border of an element to Hex B3AEA6 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
#B3AEA6 }
```

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

```
.border{ border-color:#B3AEA6 }
```

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

Here you see how a box with a 4 pixel #B3AEA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3AEA6; -webkit-box-shadow:4px 4px  
4px 4px #B3AEA6; box-shadow:4px 4px 4px  
4px #B3AEA6 }
```

# Background

The CSS property to change the background color of an element to Hex B3AEA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3AEA6 }
```

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

```
.background{ background-color:#B3AEA6 }
```

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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