

Converting Colors

Hex(B3AE89)

Have a look what the booklet for
Hex(B3AE89) contains.

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Color

Hex(B3AE89)

Conversions

Conversions Part 1

Format	Color
Hex	B3AE89
RGB	179, 174, 137
RGB Percent	70%, 68%, 54%
CMY	0.2980, 0.3176, 0.4627
CMYK	0.00, 0.03, 0.23, 0.30
HSL	53°, 22%, 62%
HSV	53°, 23%, 70%
XYZ	38.2418, 41.6620, 29.6929
YIQ	171.2770, 14.8570, -10.4470

Conversions

Conversions Part 2

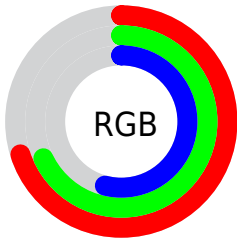
Format	Color
RYB	143, 179, 137
Decimal	11775625
CIELab	70.64, -4.31, 19.68
CIELCh	71, 20.146, 102.366
Yxy	41.6620, 0.3489, 0.3801
Android (android.graphics.Color)	4289965705 (0xFFB3AE89)
YUV	171.2770, -16.8986, 6.7731
Hunter-Lab	64.5461, -7.1992, 17.9073

Details

The Hex color **B3AE89** is a light color, and the websafe version is hex **999966**. A complement of this color would be **898EB3**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **EBE5BF**, and **7E7A57** is the 20% darker color. If you saturate the color by 10%, you get **B3AC77**, and if you desaturate by 10%, it is **B3B09B**.

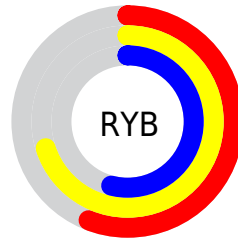
Distribution



Red (70%)

Green (68%)

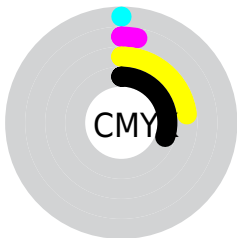
Blue (54%)



Red (56%)

Yellow (70%)

Blue (54%)

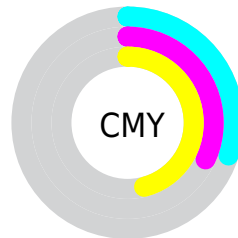


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (30%)



Cyan (30%)

Magenta (32%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3AE89 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 B3AE89 by changing the saturation by 10% instead.

 B3AE89

 B3AE89

FFFFFF

 98936F

 EBE5BF

 7E7A57

 FFFFDA

 64613F

 FFFFF7

 4C4929

 353314

 201E00

 000400

 000000

 B3AE89

 B3AE89

 B3AC77

 B3B09B

 B3AA65

 B3B2AD

 B3A853

 B3B4BF

 B3A541

 B3B7D1

 B3A330

 B3B9E3

 B3A11E

 B3BBF4

 B39F0C

 B3BDFF

 B39E00

 B3BFFF

 B3C1FF

Harmonies

Analogous

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



C5A88A



B3AE89



9EB391

Triad

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



B3AE89



7CB6C5



CBA1B8

Complementary

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



B3AE89



898EB3

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.



B9A6C8



B3AE89



8AB2CF

Square

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



B3AE89



7DB7B4



A2ACD0



D3A0A6

Rectangle

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



B3AE89



91B69B



A2ACD0



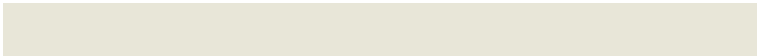
C6A2BE

Sweetspot

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



B3AE89



E8E6D8



B3898F



75746C



F5F5F5



757575

Same Dimension

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



B3AE89



E8E0A7



A4B389



595850



998700



1A1600

Inverse Universe

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



898EB3



A7AFE8



9889B3



505159



001299



00031A

Previews

White Background



This preview shows how the Hex color B3AE89 looks on a white background.

Color Contrast Check

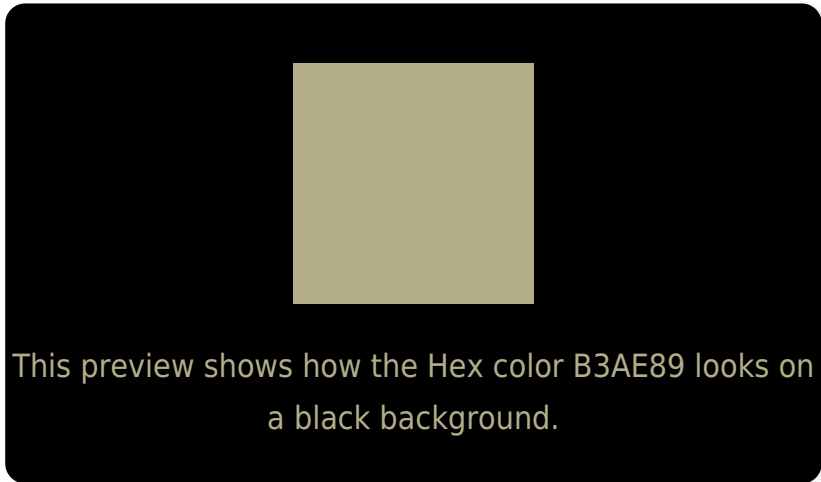
Large Text (above 18pt) WCAG AA × Fail

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

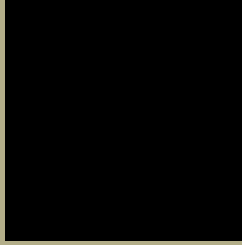
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

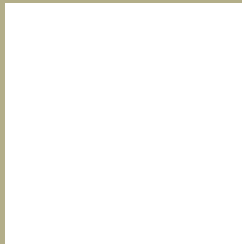
Any Text WCAG AAA ✓ Pass

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

Hex B3AE89 Background



This preview shows how black text looks on a background with the Hex color B3AE89.



This preview shows how white text looks on a background with the Hex color B3AE89.

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
B3AE89

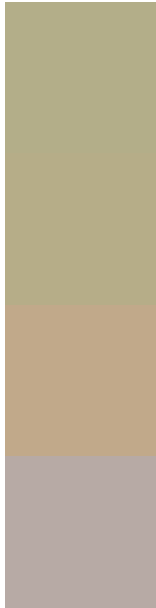
Protanopia
B8AC88

Deuteranopia
C9A68B



Tritanopia
B9A8B5

Trichromacy



Original Color
B3AE89

Protanomaly
B6AD88

Deuteranomaly
C1A98A

Tritanomaly
B7AAA5

Monochromacy



Original Color
B3AE89

Achromatopsia
ABABAB

Achromatomaly
AEAC9F

CSS Examples

Text

The CSS property to change the color of the text to Hex B3AE89 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 #B3AE89 looks like.

```
.text, #text, p{  
    color:#B3AE89  
}
```

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 #B3AE89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3AE89
}
```

Border

The CSS property to change the border of an element to Hex B3AE89 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
#B3AE89 }
```

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

```
.border{ border-color:#B3AE89 }
```

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

Here you see how a box with a 4 pixel #B3AE89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3AE89; -webkit-box-shadow:4px 4px  
4px 4px #B3AE89; box-shadow:4px 4px 4px  
4px #B3AE89 }
```

Background

The CSS property to change the background color of an element to Hex B3AE89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3AE89 }
```

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

```
.background{ background-color:#B3AE89 }
```

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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