

Converting Colors

Hex(B3869A)

Have a look what the booklet for
Hex(B3869A) contains.

Hex(B3869A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3869A)

Conversions

Conversions Part 1

Format	Color
Hex	B3869A
RGB	179, 134, 154
RGB Percent	70%, 53%, 60%
CMY	0.2980, 0.4745, 0.3961
CMYK	0.00, 0.25, 0.14, 0.30
HSL	333°, 23%, 61%
HSV	333°, 25%, 70%
XYZ	32.9482, 28.9670, 34.4265
YIQ	149.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

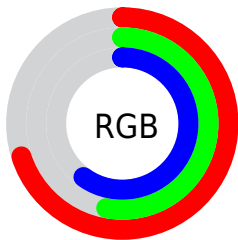
Format	Color
R _Y B	179, 134, 154
Decimal	11765402
CIE Lab	60.75, 20.41, -3.92
CIE LCh	61, 20.781, 349.128
Yxy	28.9670, 0.3420, 0.3007
Android (android.graphics.Color)	4289955482 (0xFFB3869A)
YUV	149.7350, 2.1026, 25.6654
Hunter-Lab	53.8210, 15.0877, -0.2500

Details

The Hex color **B3869A** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86B39F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **EBBBD0**, and **7E5467** is the 20% darker color. If you saturate the color by 10%, you get **B37490**, and if you desaturate by 10%, it is **B398A4**.

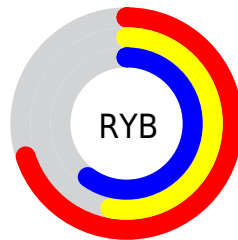
Distribution



Red (70%)

Green (53%)

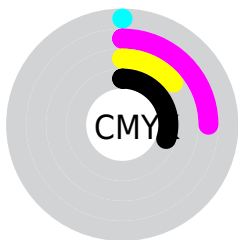
Blue (60%)



Red (70%)

Yellow (53%)

Blue (60%)

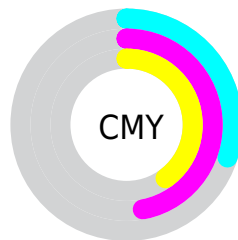


Cyan (0%)

Magenta (25%)

Yellow (14%)

Black (30%)



Cyan (30%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3869A 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 B3869A by changing the saturation by 10% instead.

 B3869A

 B3869A

FFFFFF

 986C80

 EBBBD0

 7E5467

 FFD7ED

 643C4F

 FFF4FF

 4C2638

 341023

 22000D

 000000

 B3869A

 B3869A

 B37490

 B398A4

 B36286

 B3AAAE

 B3507C

 B3BCB8

 B33E72

 B3CEC2

 B32D68

 B3DFCC

 B31B5E

 B3F1D6

 B30954

 B3FFE0

 B30050

 B3FFEA

 B3FFF4

Harmonies

Analogous

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



A48AAB



B3869A



B88687

Triad

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



B3869A



949570



629BAE

Complementary

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



B3869A



86B39F

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.



5F9D9E



B3869A



7F9A7A

Square

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



B3869A



A68F6F



6B9D8B



7496B6

Rectangle

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



B3869A



B6887C



6B9D8B



5F9CA9

Sweetspot

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



B3869A



E8D5DE



9F86B3



756A6F



F5F5F5



757575

Same Dimension

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



B3869A



E8A2C1



B38886



595054



990044



1A000B

Inverse Universe

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



B3869A



E8A2C1



86B1B3



595054



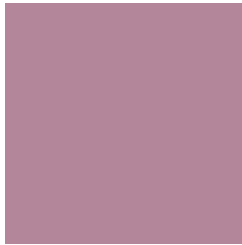
990044



1A000B

Previews

White Background



This preview shows how the Hex color B3869A looks on a white background.

Color Contrast Check

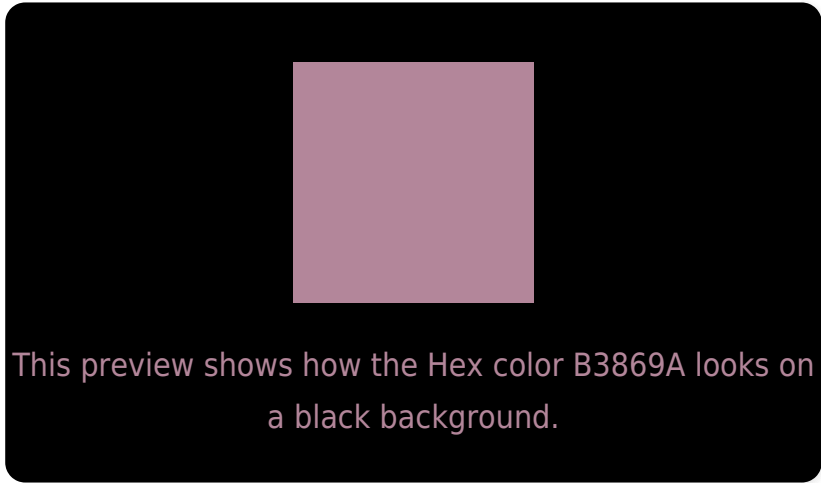
Large Text (above 18pt) WCAG AA ✓ Pass

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

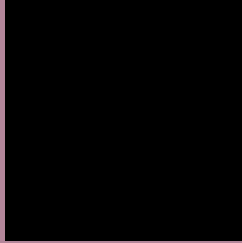
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B3869A Background



This preview shows how black text looks on a background with the Hex color B3869A.



This preview shows how white text looks on a background with the Hex color B3869A.

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
B3869A

Protanopia
9192A1

Deuteranopia
9E8E98



Tritanopia
B28792

Trichromacy



Original Color
B3869A

Protanomaly
9D8E9E

Deuteranomaly
A68B99

Tritanomaly
B28795

Monochromacy



Original Color
B3869A

Achromatopsia
969696

Achromatomaly
A19097

CSS Examples

Text

The CSS property to change the color of the text to Hex B3869A 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 #B3869A looks like.

```
.text, #text, p{  
    color:#B3869A  
}
```

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 #B3869A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3869A
}
```

Border

The CSS property to change the border of an element to Hex B3869A is called "border". The border property can be set on classes, ids or directly on the HTML element.

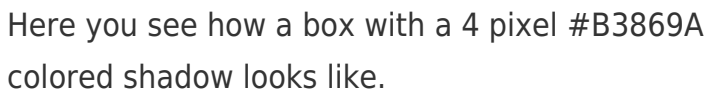
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3869A }
```

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

```
.border{ border-color:#B3869A }
```

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



Here you see how a box with a 4 pixel #B3869A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3869A; -webkit-box-shadow:4px 4px  
4px 4px #B3869A; box-shadow:4px 4px 4px  
4px #B3869A }
```

Background

The CSS property to change the background color of an element to Hex B3869A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3869A }
```

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

```
.background{ background-color:#B3869A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor