

Converting Colors

Hex(B489B3)

Have a look what the booklet for
Hex(B489B3) contains.

Hex(B489B3)	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(B489B3)

Conversions

Conversions Part 1

Format	Color
Hex	B489B3
RGB	180, 137, 179
RGB Percent	71%, 54%, 70%
CMY	0.2941, 0.4627, 0.2980
CMYK	0.00, 0.24, 0.01, 0.29
HSL	301°, 22%, 62%
HSV	301°, 24%, 71%
XYZ	35.9047, 30.8493, 46.7099
YIQ	154.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

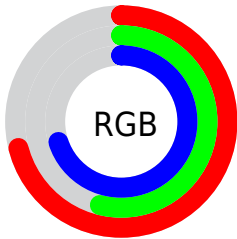
Format	Color
R_{YB}	180, 137, 179
Decimal	11831731
CIE _{Lab}	62.38, 23.60, -15.70
CIE _{LCh}	62, 28.344, 326.363
Yxy	30.8493, 0.3164, 0.2719
Android (android.graphics.Color)	4290021811 (0xFFB489B3)
YUV	154.6450, 12.0070, 22.2363
Hunter-Lab	55.5421, 18.1910, -10.9823

Details

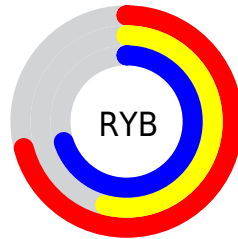
The Hex color **B489B3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89B48A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **ECBFEB**, and **7F577E** is the 20% darker color. If you saturate the color by 10%, you get **B477B3**, and if you desaturate by 10%, it is **B49BB3**.

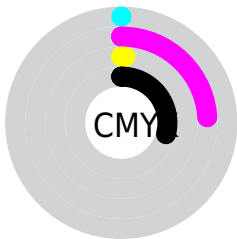
Distribution



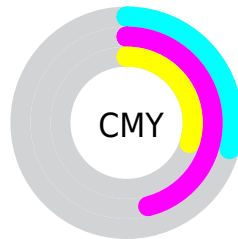
- Red (71%)
- Green (54%)
- Blue (70%)



- Red (71%)
- Yellow (54%)
- Blue (70%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (46%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B489B3 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 B489B3 by changing the saturation by 10% instead.

 B489B3

 B489B3

FFFFFF

 996F98

 ECBFEB

 7F577E

 FFDBFF

 653F65

 FFF7FF

 4D284D

 351236

 210021

 000006

 000000

 B489B3

 B489B3

 B477B3

 B49BB3

 B465B2

 B4ADB4

 B453B2

 B4BFB4

 B441B1

 B4D1B5

 B42FB1

 B4E3B5

 B41DB0

 B4F5B6

 B40BB0

 B4FFB6

 B400B0

 B4FFB7

Harmonies

Analogous

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



9691C4



B489B3



C5849B

Triad

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



B489B3



AB9465



44A4AC

Complementary

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



B489B3



89B48A

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.



57A493



B489B3



919C69

Square

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



B489B3



BF8C6E



74A27A



4FA1C0

Rectangle

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



B489B3



C9848A



74A27A



48A5A4

Sweetspot

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



B489B3



EBDAEA



8A89B4



756C75



F5F5F5



757575

Same Dimension

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



B489B3



EBA7E9



B4899E



595059



990095



1A0019

Inverse Universe

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



B489B3



EBA7E9



89B49F



595059



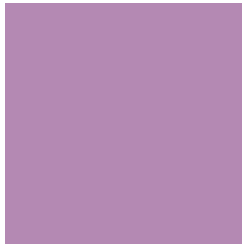
990095



1A0019

Previews

White Background



This preview shows how the Hex color B489B3 looks on a white background.

Color Contrast Check

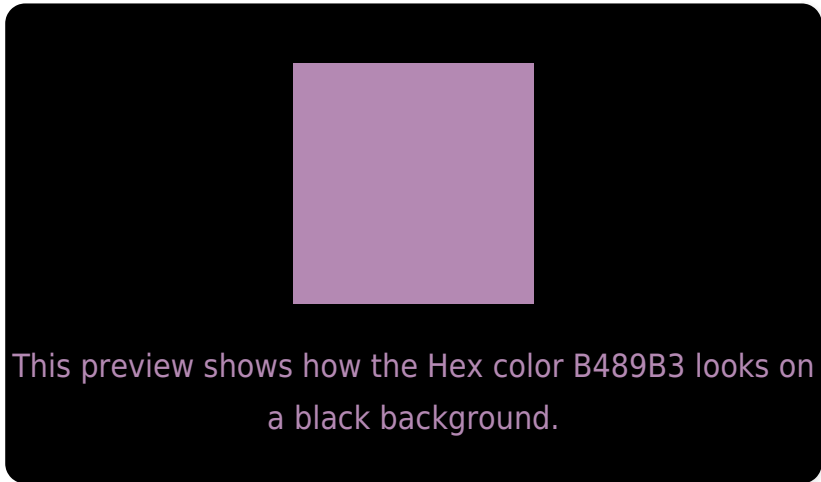
Large Text (above 18pt) WCAG AA × Fail

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

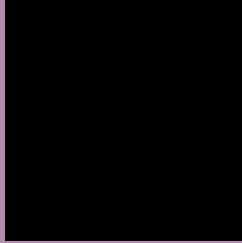
Any Text WCAG AA ✓ Pass

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 B489B3 Background



This preview shows how black text looks on a background with the Hex color B489B3.



This preview shows how white text looks on a background with the Hex color B489B3.

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](#).

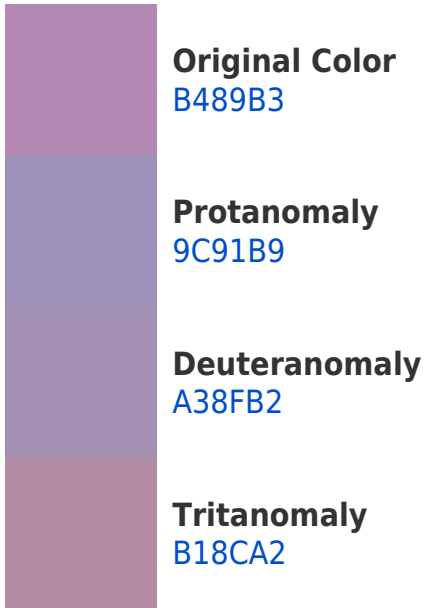
Dichromacy



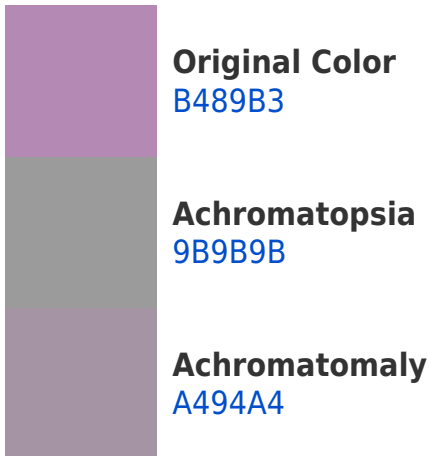


Tritanopia
B08E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B489B3 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 #B489B3 looks like.

```
.text, #text, p{  
    color:#B489B3  
}
```

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 #B489B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B489B3
}
```

Border

The CSS property to change the border of an element to Hex B489B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

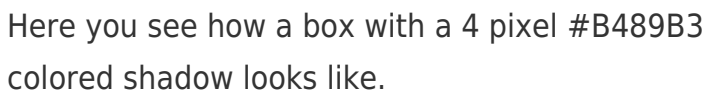
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B489B3 }
```

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

```
.border{ border-color:#B489B3 }
```

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



Here you see how a box with a 4 pixel #B489B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B489B3; -webkit-box-shadow:4px 4px  
4px 4px #B489B3; box-shadow:4px 4px 4px  
4px #B489B3 }
```

Background

The CSS property to change the background color of an element to Hex B489B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B489B3 }
```

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

```
.background{ background-color:#B489B3 }
```

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