

Converting Colors

Hex(B849A3)

Have a look what the booklet for
Hex(B849A3) contains.

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Color

Hex(B849A3)

Conversions

Conversions Part 1

Format	Color
Hex	B849A3
RGB	184, 73, 163
RGB Percent	72%, 29%, 64%
CMY	0.2784, 0.7137, 0.3608
CMYK	0.00, 0.60, 0.11, 0.28
HSL	311°, 44%, 50%
HSV	311°, 60%, 72%
XYZ	28.7606, 17.5998, 36.5316
YIQ	116.4490, 37.2660, 51.5220

Conversions

Conversions Part 2

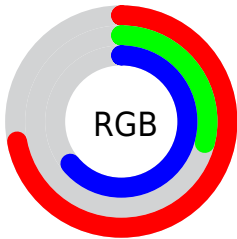
Format	Color
RYB	184, 73, 163
Decimal	12077475
CIELab	49.01, 55.48, -26.89
CIELCh	49, 61.650, 334.137
Yxy	17.5998, 0.3470, 0.2123
Android (android.graphics.Color)	4290267555 (0xFFB849A3)
YUV	116.4490, 22.9496, 59.2422
Hunter-Lab	41.9521, 48.9558, -22.2628

Details

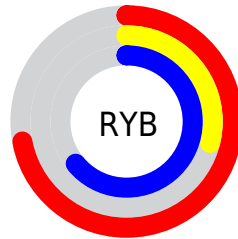
The Hex color **B849A3** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **49B85E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **F280DA**, and **80056F** is the 20% darker color. If you saturate the color by 10%, you get **B837A0**, and if you desaturate by 10%, it is **B85BA6**.

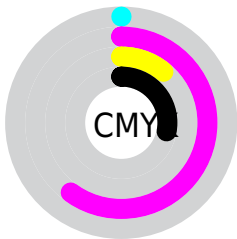
Distribution



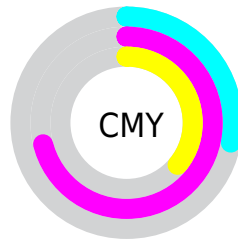
- Red (72%)
- Green (29%)
- Blue (64%)



- Red (72%)
- Yellow (29%)
- Blue (64%)



- Cyan (0%)
- Magenta (60%)
- Yellow (11%)
- Black (28%)



- Cyan (28%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B849A3 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 B849A3 by changing the saturation by 10% instead.

 B849A3

 B849A3

FFFFFF

 9C2C89

 F280DA

 80056F

 FF9BF7

 650056

 FFB7FF

 4A003F

 FFD4FF

 330029

 FFF1FF

 0C0012

 000000

 B849A3

 B849A3

 B837A0

 B85BA6

 B8249C

 B86EAA

 B81299

 B880AD

 B80095

 B893B1

 B8A5B4

 B8B7B8

 B8CABB

 B8DCBF

 B8EFC2

Harmonies

Analogous

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



7D63CC



B849A3



D03B6F

Triad

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



B849A3



867500



008BAE

Complementary

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



B849A3



49B85E

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.



008C7A



B849A3



4F820A

Square

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



B849A3



AF6008



008944



0086D2

Rectangle

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



B849A3



CF414D



008944



008C9E

Sweetspot

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



B849A3



F0C5E8



5D49B8



785D73



F7F7F7



787878

Same Dimension

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



B849A3



F043CF



B8496C



5C535A



9C007E



1C0017

Inverse Universe

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



B849A3



F043CF



49B895



5C535A



9C007E



1C0017

Previews

White Background



This preview shows how the Hex color B849A3 looks on a white background.

Color Contrast Check

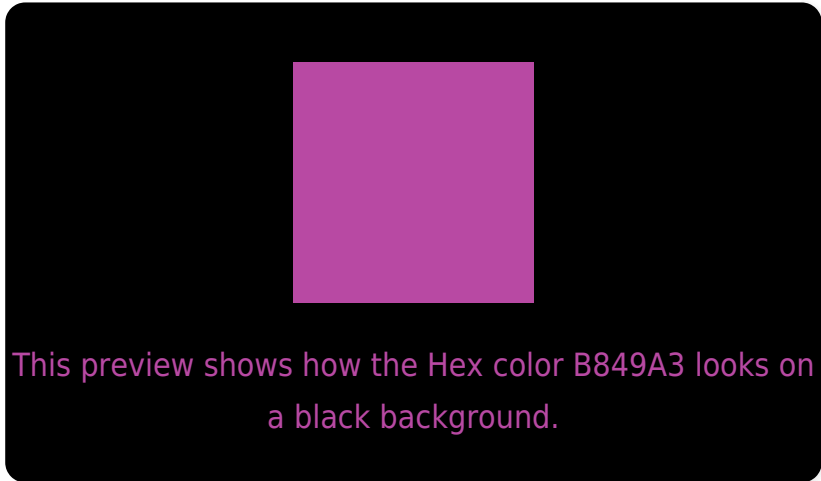
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

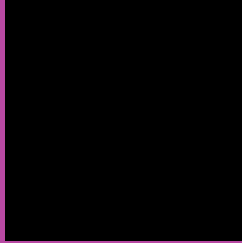
Any Text WCAG AA ✓ Pass

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 B849A3 Background



This preview shows how black text looks on a background with the Hex color B849A3.

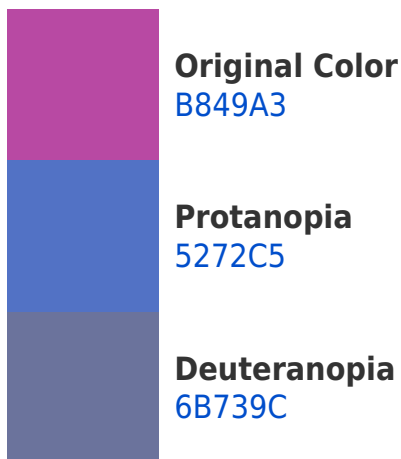



This preview shows how white text looks on a background with the Hex color B849A3.

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
B15A61

Trichromacy



Original Color
B849A3



Protanomaly
7763B9



Deuteranomaly
87649F



Tritanomaly
B45479

Monochromacy



Original Color
B849A3



Achromatopsia
747474



Achromatomaly
8D6485

CSS Examples

Text

The CSS property to change the color of the text to Hex B849A3 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 #B849A3 looks like.

```
.text, #text, p{  
    color:#B849A3  
}
```

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 #B849A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B849A3
}
```

Border

The CSS property to change the border of an element to Hex B849A3 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
#B849A3 }
```

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

```
.border{ border-color:#B849A3 }
```

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

Here you see how a box with a 4 pixel #B849A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B849A3; -webkit-box-shadow:4px 4px  
4px 4px #B849A3; box-shadow:4px 4px 4px  
4px #B849A3 }
```

Background

The CSS property to change the background color of an element to Hex B849A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B849A3 }
```

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

```
.background{ background-color:#B849A3 }
```

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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