

Converting Colors

Hex(B83AAE)

Have a look what the booklet for
Hex(B83AAE) contains.

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Color

Hex(B83AAE)

Conversions

Conversions Part 1

Format	Color
Hex	B83AAE
RGB	184, 58, 174
RGB Percent	72%, 23%, 68%
CMY	0.2784, 0.7725, 0.3176
CMYK	0.00, 0.68, 0.05, 0.28
HSL	305°, 52%, 47%
HSV	305°, 68%, 72%
XYZ	28.9202, 16.2725, 41.6610
YIQ	108.8980, 37.8600, 62.7880

Conversions

Conversions Part 2

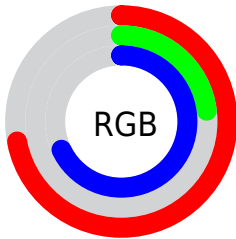
Format	Color
RYB	184, 58, 174
Decimal	12073646
CIELab	47.33, 63.32, -36.01
CIELCh	47, 72.845, 330.378
Yxy	16.2725, 0.3330, 0.1874
Android (android.graphics.Color)	4290263726 (0xFFB83AAE)
YUV	108.8980, 32.0953, 65.8645
Hunter-Lab	40.3391, 57.3780, -32.9955

Details

The Hex color **B83AAE** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3AB844**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **F373E6**, and **7F0079** is the 20% darker color. If you saturate the color by 10%, you get **B828AD**, and if you desaturate by 10%, it is **B84CAF**.

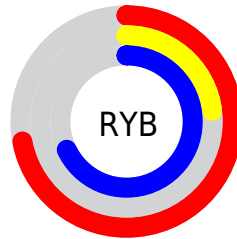
Distribution



Red (72%)

Green (23%)

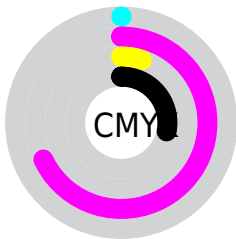
Blue (68%)



Red (72%)

Yellow (23%)

Blue (68%)

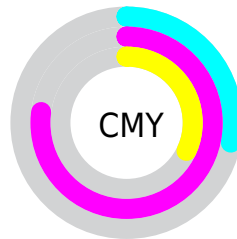


Cyan (0%)

Magenta (68%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (77%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color B83AAE 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 B83AAE by changing the saturation by 10% instead.

 B83AAE

 B83AAE

FFFFFF

 9B1793

 F373E6

 7F0079

 FF8FFF

 640060

 FFACFF

 490048

 FFC9FF

 300031

 FFE6FF

 06001A

 000000

 B83AAE

 B83AAE

 B828AD

 B84CAF

 B815AB

 B85FB1

 B803AA

 B871B2

 B800A9

 B884B4

 B896B5

 B8A8B7

 B8BBB8

 B8CDBA

 B8E0BB

Harmonies

Analogous

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



685FDB



B83AAE



D71672

Triad

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



B83AAE



886E00



008AAD

Complementary

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



B83AAE



3AB844

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.



008A6F



B83AAE



4A7E00

Square

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



B83AAE



B65400



00862E



0085DB

Rectangle

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



B83AAE



D8224A



00862E



008A9A

Sweetspot

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



B83AAE



F0BDEC



423AB8



785A75



F7F7F7



787878

Same Dimension

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



B83AAE



F02BE0



B83A71



5C535B



9C008F



1C001A

Inverse Universe

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



B83AAE



F02BE0



3AB881



5C535B



9C008F



1C001A

Previews

White Background



This preview shows how the Hex color B83AAE looks on a white background.

Color Contrast Check

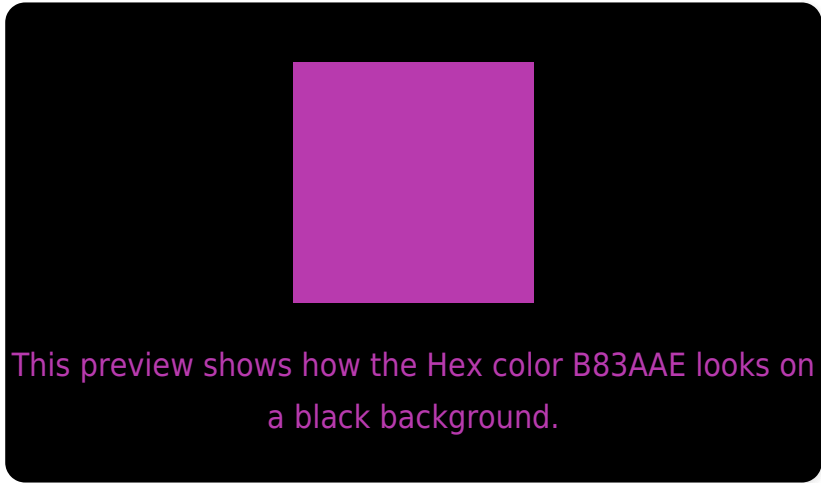
Large Text (above 18pt) WCAG AA ✓ Pass

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

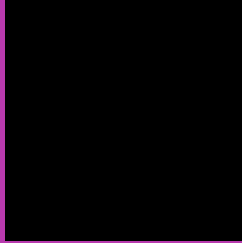
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B83AAE Background



This preview shows how black text looks on a background with the Hex color B83AAE.

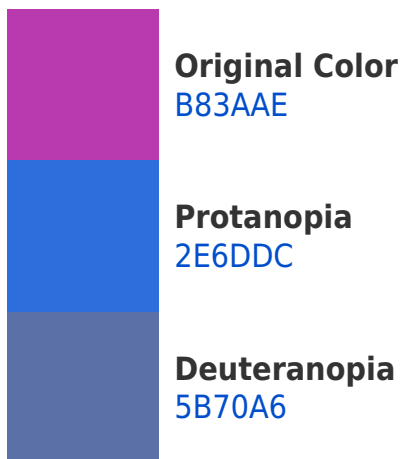



This preview shows how white text looks on a background with the Hex color B83AAE.

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](#).

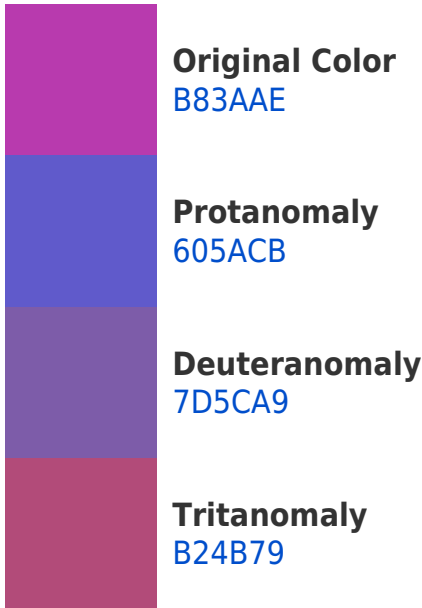
Dichromacy



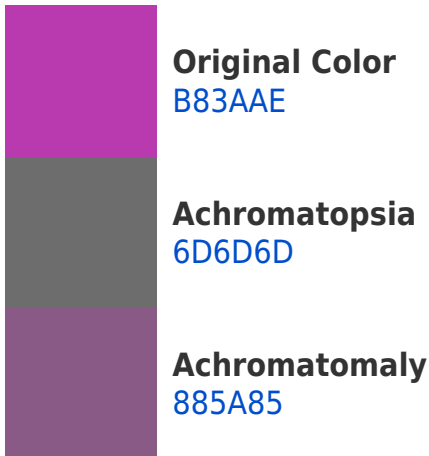


Tritanopia
AF545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B83AAE 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 #B83AAE looks like.

```
.text, #text, p{  
    color:#B83AAE  
}
```

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 #B83AAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83AAE
}
```

Border

The CSS property to change the border of an element to Hex B83AAE 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
#B83AAE }
```

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

```
.border{ border-color:#B83AAE }
```

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

Here you see how a box with a 4 pixel #B83AAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83AAE; -webkit-box-shadow:4px 4px  
4px 4px #B83AAE; box-shadow:4px 4px 4px  
4px #B83AAE }
```

Background

The CSS property to change the background color of an element to Hex B83AAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83AAE }
```

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

```
.background{ background-color:#B83AAE }
```

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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