

# Converting Colors

Hex(B93ADD)

Have a look what the booklet for  
Hex(B93ADD) contains.

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# Color

Hex(B93ADD)

# Conversions

## Conversions Part 1

Format	Color
Hex	B93ADD
RGB	185, 58, 221
RGB Percent	73%, 23%, 87%
CMY	0.2745, 0.7725, 0.1333
CMYK	0.16, 0.74, 0.00, 0.13
HSL	287°, 71%, 55%
HSV	287°, 74%, 87%
XYZ	34.5718, 18.5609, 70.1671
YIQ	114.5550, 23.3690, 77.6170

# Conversions

## Conversions Part 2

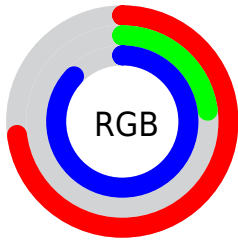
Format	Color
<a href="#">RYB</a>	<a href="#">185, 58, 221</a>
Decimal	<a href="#">12139229</a>
CIELab	<a href="#">50.17, 71.70, -58.67</a>
CIELCh	<a href="#">50, 92.644, 320.710</a>
Yxy	<a href="#">18.5609, 0.2804, 0.1505</a>
Android (android.graphics.Color)	<a href="#">4290329309 (0xFFB93ADD)</a>
YUV	<a href="#">114.5550, 52.4774, 61.7803</a>
Hunter-Lab	<a href="#">43.0823, 67.8449, -66.4065</a>

# Details

The Hex color **B93ADD** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **5EDD3A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **F575FF**, and **7F00A5** is the 20% darker color. If you saturate the color by 10%, you get **B424DD**, and if you desaturate by 10%, it is **BE50DD**.

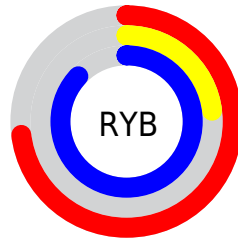
# Distribution



Red (73%)

Green (23%)

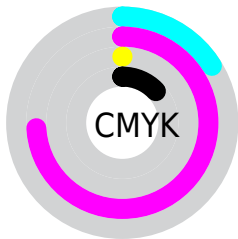
Blue (87%)



Red (73%)

Yellow (23%)

Blue (87%)

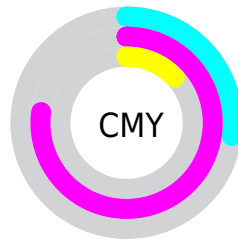


Cyan (16%)

Magenta (74%)

Yellow (0%)

Black (13%)



Cyan (27%)

Magenta (77%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B93ADD 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 B93ADD by changing the saturation by 10% instead.



 B93ADD

 B93ADD

FFFFFF

 9C13C1

 F575FF

 7F00A5

 FF92FF

 63008A

 FFAEFF

 460070

 FFCBFF

 2C0057

 FFE9FF

 02003E

 000327

 000110

 000000

 B93ADD

 B93ADD

 B424DD

 BE50DD

 AF0EDD

 C366DD

 AC00DD

 C87CDD

 CD92DD

 D1A9DD

 D6BFDD

 DBD5DD

 E0EBDD

 E5FFDD

# Harmonies

## Analogous

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



006EFF



B93ADD



F20093

# Triad

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



B93ADD



A66C00



0097AE

# Complementary

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



B93ADD



5EDD3A

# 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.



00955B



B93ADD



5E8400

# Square

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



B93ADD



DB3F00



009000



0095F2

# Rectangle

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



B93ADD



FB005F



009000



009693



# Sweetspot

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



B93ADD



F3C7FF



3A60DD



785E80



000000



808080



# Same Dimension

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



B93ADD



CD1CFF



DD3AB2



6B636E



8700AD



24002E



# Inverse Universe

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



DD3A5E



FF1C4E



3ADD65



6E6365



AD0026

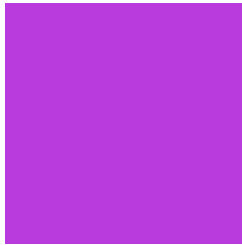


2E000A



# Previews

## White Background



This preview shows how the Hex color B93ADD looks on a white background.

## Color Contrast Check

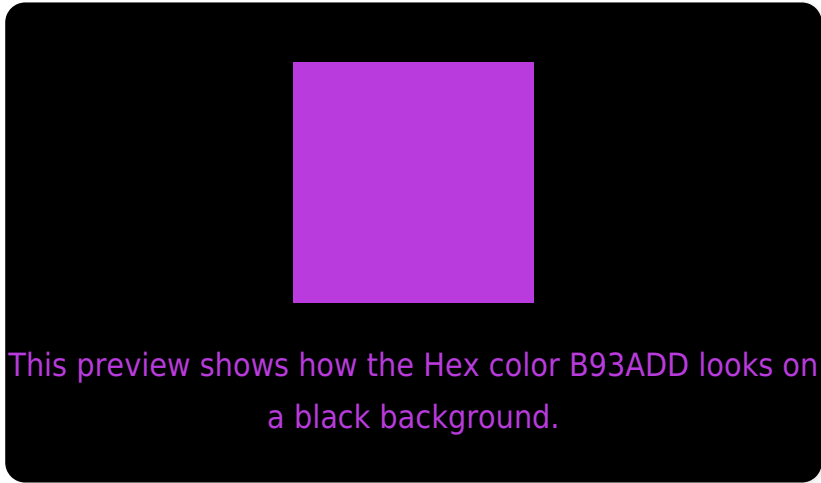
Large Text (above 18pt) WCAG AA ✓ Pass

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

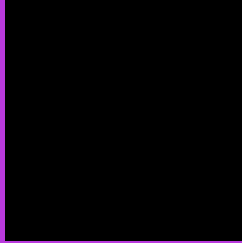
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B93ADD Background



This preview shows how black text looks on a background with the Hex color B93ADD.

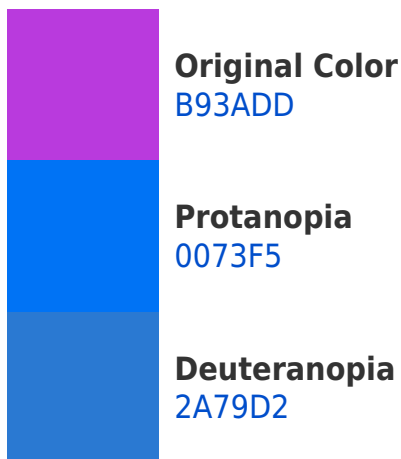



This preview shows how white text looks on a background with the Hex color B93ADD.

# 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](#).

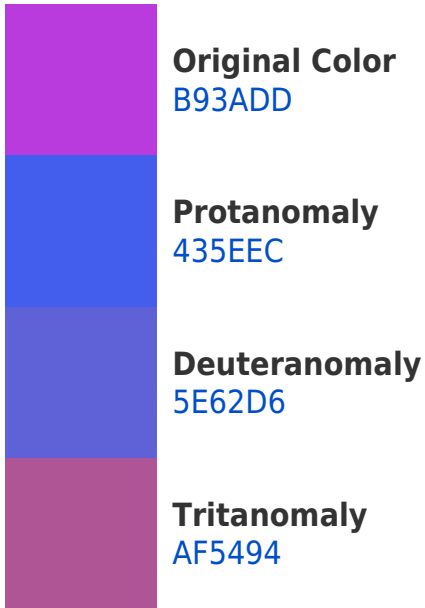
## Dichromacy





**Tritanopia**  
A9636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B93ADD 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 #B93ADD looks like.

```
.text, #text, p{  
  color:#B93ADD  
}
```

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 #B93ADD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B93ADD
}
```

## Border

The CSS property to change the border of an element to Hex B93ADD 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
#B93ADD }
```

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

```
.border{ border-color:#B93ADD }
```

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

Here you see how a box with a 4 pixel #B93ADD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B93ADD; -webkit-box-shadow:4px 4px  
4px 4px #B93ADD; box-shadow:4px 4px 4px  
4px #B93ADD }
```

# Background

The CSS property to change the background color of an element to Hex B93ADD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B93ADD }
```

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

```
.background{ background-color:#B93ADD }
```

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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