

Converting Colors

Hex(B93DB9)

Have a look what the booklet for
Hex(B93DB9) contains.

Hex(B93DB9)	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(B93DB9)

Conversions

Conversions Part 1

Format	Color
Hex	B93DB9
RGB	185, 61, 185
RGB Percent	73%, 24%, 73%
CMY	0.2745, 0.7608, 0.2745
CMYK	0.00, 0.67, 0.00, 0.27
HSL	300°, 50%, 48%
HSV	300°, 67%, 73%
XYZ	30.4333, 17.1546, 47.6061
YIQ	112.2120, 34.1000, 64.8520

Conversions

Conversions Part 2

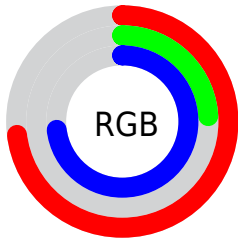
Format	Color
R_{YB}	185, 61, 185
Decimal	12139961
CIE _{Lab}	48.45, 64.24, -40.67
CIE _{LCh}	48, 76.035, 327.664
Yxy	17.1546, 0.3197, 0.1802
Android (android.graphics.Color)	4290330041 (0xFFB93DB9)
YUV	112.2120, 35.8845, 63.8351
Hunter-Lab	41.4181, 58.6771, -39.1555

Details

The Hex color **B93DB9** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **3DB93D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **F476F2**, and **800083** is the 20% darker color. If you saturate the color by 10%, you get **B92BB9**, and if you desaturate by 10%, it is **B950B9**.

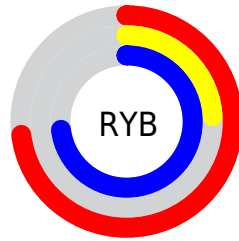
Distribution



Red (73%)

Green (24%)

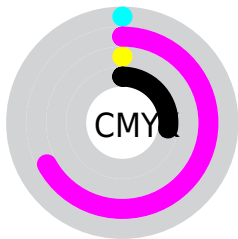
Blue (73%)



Red (73%)

Yellow (24%)

Blue (73%)

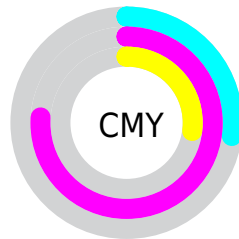


Cyan (0%)

Magenta (67%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (76%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color B93DB9 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 B93DB9 by changing the saturation by 10% instead.

 B93DB9

 B93DB9

FFFFFF

 9C1B9E

 F476F2

 800083

 FF92FF

 65006A

 FFAFFF

 490051

 FFCCFF

 310039

 FFE9FF

 0C0023

 000009

 000000

 B93DB9

 B93DB9

 B92BB9

 B950B9

 B918B9

 B962B9

 B906B9

 B975B9

 B900B9

 B987B9

 B99AB9

 B9ACB9

 B9BFB9

 B9D1B9

 B9E4B9

Harmonies

Analogous

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



5C64E7



B93DB9



DD0D7B

Triad

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



B93DB9



906F00



008EAE

Complementary

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



B93DB9



3DB93D

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.



008D6C



B93DB9



518000

Square

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



B93DB9



C05200



008926



008AE0

Rectangle

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



B93DB9



E01851



008926



008E99

Sweetspot

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



B93DB9



F0C0F0



3D3DB9



785B78



F7F7F7



787878

Same Dimension

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



B93DB9



F030F0



B93D7B



5C535C



9C009C



1C001C

Inverse Universe

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



B93DB9



F030F0



3DB97B



5C535C



9C009C



1C001C

Previews

White Background



This preview shows how the Hex color B93DB9 looks on a white background.

Color Contrast Check

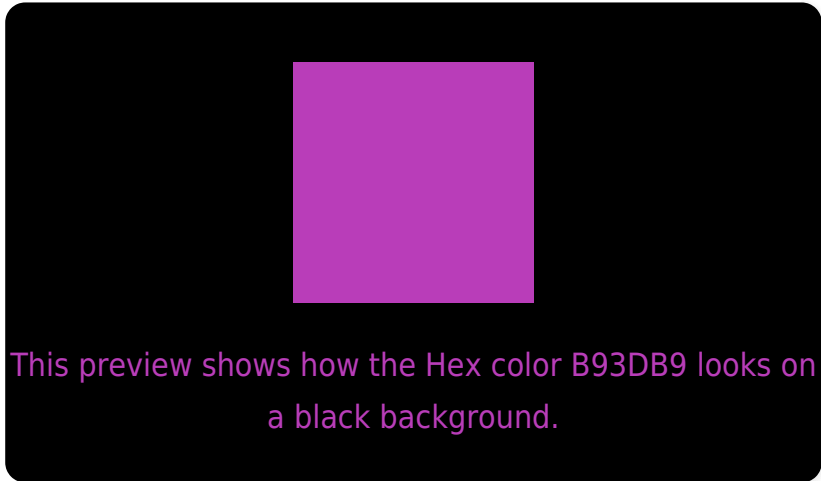
Large Text (above 18pt) WCAG AA ✓ Pass

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

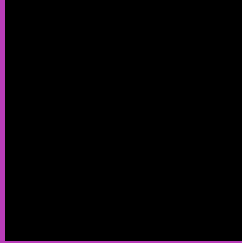
Any Text WCAG AA × Fail

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 B93DB9 Background



This preview shows how black text looks on a background with the Hex color B93DB9.

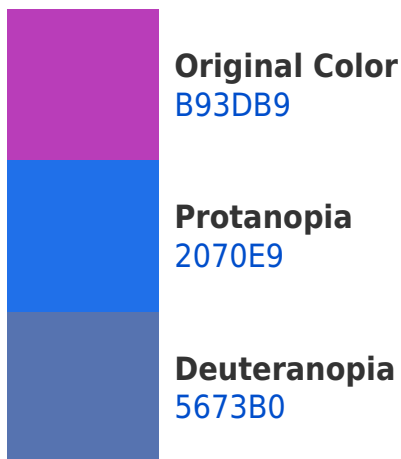



This preview shows how white text looks on a background with the Hex color B93DB9.

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
AF5960

Trichromacy



Original Color
B93DB9



Protanomaly
585DD8



Deuteranomaly
7A5FB3



Tritanomaly
B34F80

Monochromacy



Original Color
B93DB9



Achromatopsia
707070



Achromatomaly
8B5D8B

CSS Examples

Text

The CSS property to change the color of the text to Hex B93DB9 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 #B93DB9 looks like.

```
.text, #text, p{  
    color:#B93DB9  
}
```

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 #B93DB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B93DB9
}
```

Border

The CSS property to change the border of an element to Hex B93DB9 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
#B93DB9 }
```

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

```
.border{ border-color:#B93DB9 }
```

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

Here you see how a box with a 4 pixel #B93DB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B93DB9; -webkit-box-shadow:4px 4px  
4px 4px #B93DB9; box-shadow:4px 4px 4px  
4px #B93DB9 }
```

Background

The CSS property to change the background color of an element to Hex B93DB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B93DB9 }
```

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

```
.background{ background-color:#B93DB9 }
```

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