

# Converting Colors

Hex(B993C7)

Have a look what the booklet for  
Hex(B993C7) contains.

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# **Color**

**Hex(B993C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B993C7</a>
RGB	<a href="#">185, 147, 199</a>
RGB Percent	<a href="#">73%, 58%, 78%</a>
CMY	<a href="#">0.2745, 0.4235, 0.2196</a>
CMYK	<a href="#">0.07, 0.26, 0.00, 0.22</a>
HSL	<a href="#">284°, 32%, 68%</a>
HSV	<a href="#">284°, 26%, 78%</a>
XYZ	<a href="#">40.7501, 35.3052, 58.6997</a>
YIQ	<a href="#">164.2900, 5.9560, 24.2280</a>

# Conversions

## Conversions Part 2

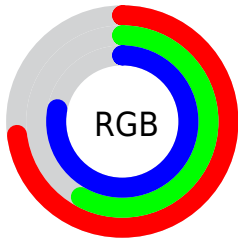
Format	Color
R <sub>Y</sub> B	185, 147, 199
Decimal	12161991
CIE Lab	65.99, 23.64, -21.42
CIE LCh	66, 31.898, 317.814
Yxy	35.3052, 0.3024, 0.2620
Android (android.graphics.Color)	4290352071 (0xFFB993C7)
YUV	164.2900, 17.1120, 18.1627
Hunter-Lab	59.4182, 18.4367, -16.9802

# Details

The Hex color **B993C7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A1C793**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F2C9FF**, and **836091** is the 20% darker color. If you saturate the color by 10%, you get **B47FC7**, and if you desaturate by 10%, it is **BEA7C7**.

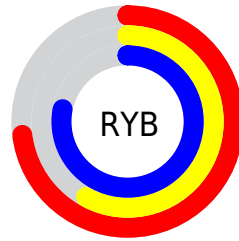
# Distribution



Red (73%)

Green (58%)

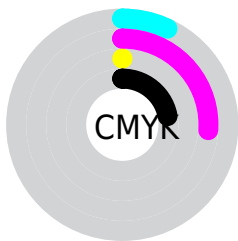
Blue (78%)



Red (73%)

Yellow (58%)

Blue (78%)

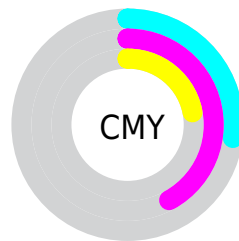


Cyan (7%)

Magenta (26%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (42%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B993C7 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 B993C7 by changing the saturation by 10% instead.



 B993C7

 B993C7

FFFFFF

 9E79AC

 F2C9FF

 836091

 FFE5FF

 6A4877

 51315E

 391B46

 230530

 00001B

 000000

 B993C7

 B993C7

 B47FC7

 BEA7C7

 AE6BC7

 C4BBC7

 A957C7

 C9CFC7

 A443C7

 CEE3C7

 9E30C7

 D4F7C7

 991CC7

 D9FFC7

 9308C7

 DFFFC7

 9100C7

 E4FFC7

 E9FFC7

# Harmonies

## Analogous

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



939DD7



B993C7



D18CAD

# Triad

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



B993C7



BE9B69



41B0B1

# Complementary

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



B993C7



A1C793

# 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.



60AF93



B993C7



A3A469

# Square

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



B993C7



D29177



82AB79



42ADCA

# Rectangle

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



B993C7



D88B9A



82AB79



4AB0A7



# Sweetspot

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



B993C7



FAEBFF



93A2C7



7C7380



000000



808080



# Same Dimension

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



B993C7



EAB0FF



C793BC



615A63



7700A3



1A0024



# Inverse Universe

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



C793A1



FFB0C5



93C79E



635A5C



A3002C

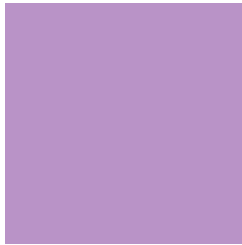


24000A



# Previews

## White Background



This preview shows how the Hex color B993C7 looks on a white background.

## Color Contrast Check

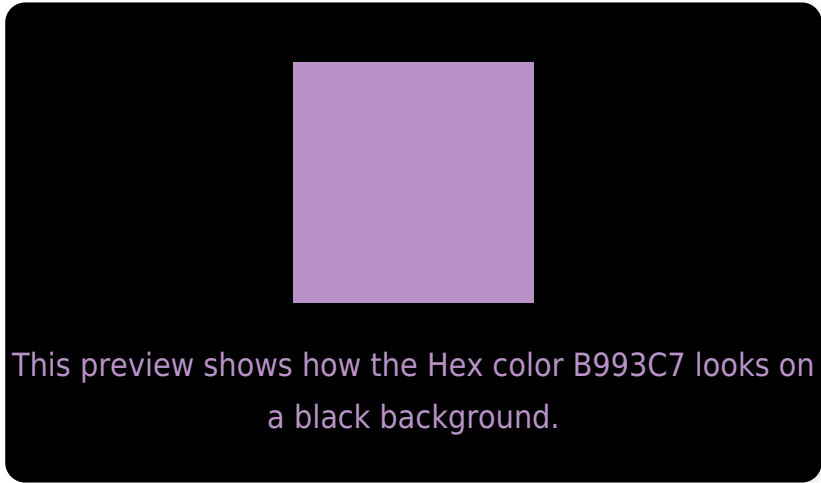
Large Text (above 18pt) WCAG AA × Fail

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

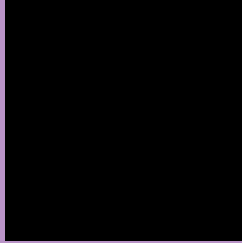
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B993C7 Background



This preview shows how black text looks on a background with the Hex color B993C7.

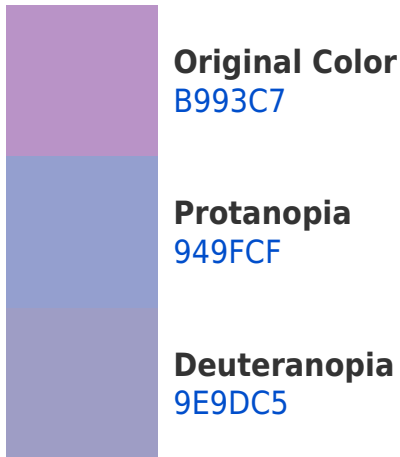


This preview shows how white text looks on a background with the Hex color B993C7.

# 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**  
B499A5

# Trichromacy



**Original Color**  
B993C7

**Protanomaly**  
A19BCC

**Deuteranomaly**  
A899C6

**Tritanomaly**  
B697B1

# Monochromacy



**Original Color**  
B993C7

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
AC9EB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B993C7 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 #B993C7 looks like.

```
.text, #text, p{  
    color:#B993C7  
}
```

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 #B993C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B993C7
}
```

## Border

The CSS property to change the border of an element to Hex B993C7 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
#B993C7 }
```

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

```
.border{ border-color:#B993C7 }
```

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

Here you see how a box with a 4 pixel #B993C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B993C7; -webkit-box-shadow:4px 4px  
4px 4px #B993C7; box-shadow:4px 4px 4px  
4px #B993C7 }
```

# Background

The CSS property to change the background color of an element to Hex B993C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B993C7 }
```

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

```
.background{ background-color:#B993C7 }
```

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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