

# Converting Colors

Hex(B3A6C9)

Have a look what the booklet for  
Hex(B3A6C9) contains.

<b>Hex(B3A6C9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B3A6C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3A6C9
RGB	179, 166, 201
RGB Percent	70%, 65%, 79%
CMY	0.2980, 0.3490, 0.2118
CMYK	0.11, 0.17, 0.00, 0.21
HSL	262°, 24%, 72%
HSV	262°, 17%, 79%
XYZ	42.7692, 41.0732, 60.9321
YIQ	173.8770, -3.4870, 13.6410

# Conversions

## Conversions Part 2

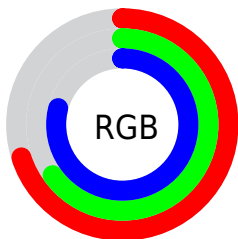
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 166, 201
Decimal	11773641
CIE <sub>Lab</sub>	70.23, 11.48, -16.15
CIE <sub>LCh</sub>	70, 19.811, 305.414
Yxy	41.0732, 0.2954, 0.2837
Android (android.graphics.Color)	4289963721 (0xFFB3A6C9)
YUV	173.8770, 13.3716, 4.4929
Hunter-Lab	64.0884, 6.9670, -11.5082

# Details

The Hex color **B3A6C9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BCC9A6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EBDDFF**, and **7E7293** is the 20% darker color. If you saturate the color by 10%, you get **A692C9**, and if you desaturate by 10%, it is **C0BAC9**.

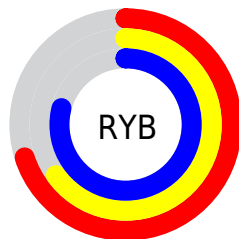
# Distribution



Red (70%)

Green (65%)

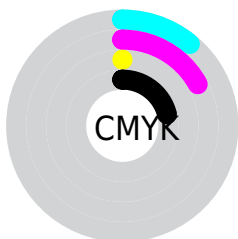
Blue (79%)



Red (70%)

Yellow (65%)

Blue (79%)

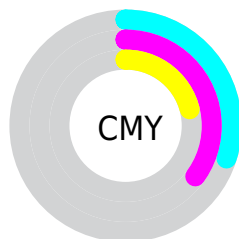


Cyan (11%)

Magenta (17%)

Yellow (0%)

Black (21%)



Cyan (30%)

Magenta (35%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3A6C9 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 B3A6C9 by changing the saturation by 10% instead.



 B3A6C9

 B3A6C9

FFFFFF

 988CAE

 EBDDFF

 7E7293

 FFFAFF

 655A79

 4D4260

 362C48

 201732

 0C001D

 000000

 B3A6C9

 B3A6C9

 A692C9

 C0BAC9

 9A7EC9

 CCCEC9

 8D6AC9

 D9E2C9

 8056C9

 E6F6C9

 7442C9

 F2FFC9

 672DC9

 FFFFC9

 5B19C9

 4E05C9

 4B00C9

# Harmonies

## Analogous

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



9BACCF



B3A6C9



C6A1BB

# Triad

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



B3A6C9



C7A68C



7FB6AE

# Complementary

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



B3A6C9



BCC9A6

# 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.



8EB59C



B3A6C9



B6AC88

# Square

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



B3A6C9



D0A198



A2B18E



7BB5C0

# Rectangle

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



B3A6C9



CE9FAF



A2B18E



83B6A8



# Sweetspot

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



B3A6C9



F7F2FF



A6BCC9



7B7880



000000



808080



# Same Dimension

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



B3A6C9



DDC9FF



C4A6C9



5D5A63



3D00A3



0D0024



# Inverse Universe

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



C9A6BC



FFC9EB



ABC9A6



635A60



A30067

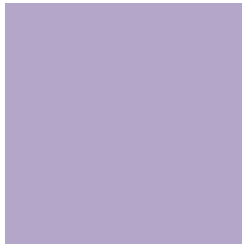


240016



# Previews

## White Background



This preview shows how the Hex color B3A6C9 looks on a white background.

## Color Contrast Check

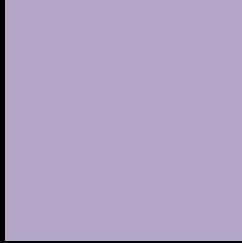
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B3A6C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

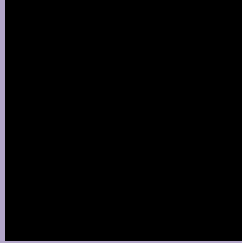
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3A6C9 Background



This preview shows how black text looks on a background with the Hex color B3A6C9.

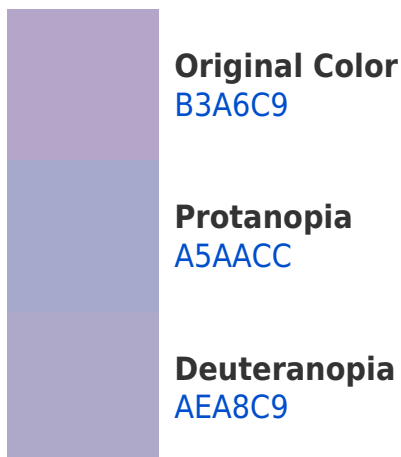


This preview shows how white text looks on a background with the Hex color B3A6C9.

# 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**  
B0A9B7

# Trichromacy



**Original Color**  
B3A6C9

**Protanomaly**  
AAA9CB

**Deuteranomaly**  
B0A7C9

**Tritanomaly**  
B1A8BE

# Monochromacy



**Original Color**  
B3A6C9

**Achromatopsia**  
AEAEAE

**Achromatomaly**  
B0ABB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3A6C9 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 #B3A6C9 looks like.

```
.text, #text, p{  
    color:#B3A6C9  
}
```

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 #B3A6C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3A6C9
}
```

## Border

The CSS property to change the border of an element to Hex B3A6C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

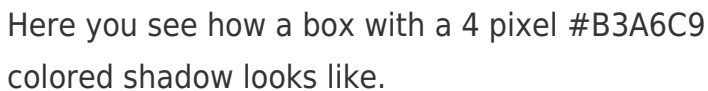
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3A6C9 }
```

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

```
.border{ border-color:#B3A6C9 }
```

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



Here you see how a box with a 4 pixel #B3A6C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3A6C9; -webkit-box-shadow:4px 4px  
4px 4px #B3A6C9; box-shadow:4px 4px 4px  
4px #B3A6C9 }
```

# Background

The CSS property to change the background color of an element to Hex B3A6C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3A6C9 }
```

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

```
.background{ background-color:#B3A6C9 }
```

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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