

# Converting Colors

Hex(B3A0CD)

Have a look what the booklet for  
Hex(B3A0CD) contains.

<b>Hex(B3A0CD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B3A0CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3A0CD
RGB	179, 160, 205
RGB Percent	70%, 63%, 80%
CMY	0.2980, 0.3725, 0.1961
CMYK	0.13, 0.22, 0.00, 0.20
HSL	265°, 31%, 72%
HSV	265°, 22%, 80%
XYZ	42.1807, 39.1331, 63.0879
YIQ	170.8110, -3.1210, 18.0230

# Conversions

## Conversions Part 2

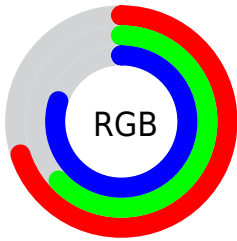
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 160, 205
Decimal	11772109
CIELab	68.85, 15.66, -20.45
CIELCh	69, 25.754, 307.452
Yxy	39.1331, 0.2921, 0.2710
Android (android.graphics.Color)	4289962189 (0xFFB3A0CD)
YUV	170.8110, 16.8552, 7.1818
Hunter-Lab	62.5565, 10.8855, -16.0042

# Details

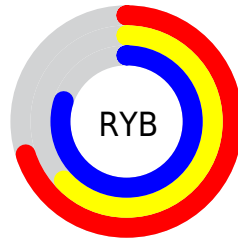
The Hex color **B3A0CD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BACDA0**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **EBD7FF**, and **7E6C97** is the 20% darker color. If you saturate the color by 10%, you get **A78BCD**, and if you desaturate by 10%, it is **BFB5CD**.

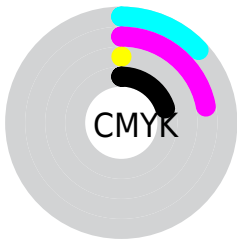
# Distribution



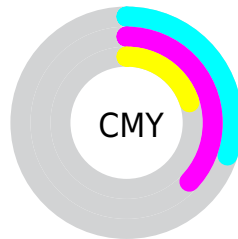
- Red (70%)
- Green (63%)
- Blue (80%)



- Red (70%)
- Yellow (63%)
- Blue (80%)



- Cyan (13%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (37%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3A0CD 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 B3A0CD by changing the saturation by 10% instead.



 B3A0CD

 B3A0CD

FFFFFF

 9886B1

 EBD7FF

 7E6C97

 FFF3FF

 65547D

 4C3D64

 35274C

 1E1235

 060020

 000003

 000000

 B3A0CD

 B3A0CD

 A78BCD

 BFB5CD

 9B77CD

 CBC9CD

 8F63CD

 D7DECD

 844ECD

 E2F2CD

 783ACD

 EEFFCD

 6C25CD

 FAFFCD

 6010CD

 FFFFCD

 5700CD

# Harmonies

## Analogous

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



93A8D6



B3A0CD



CB99BA

# Triad

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



B3A0CD



C8A17E



69B5AD

# Complementary

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



B3A0CD



BACDA0

# 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.



7FB495



B3A0CD



B3A87A

# Square

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



B3A0CD



D59A8D



99AF82



63B4C3

# Rectangle

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



B3A0CD



D497AB



99AF82



6FB5A5



# Sweetspot

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



B3A0CD



F5EDFF



A0BACD



7A7580



000000



808080



# Same Dimension

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



B3A0CD



D9BDFF



C9A0CD



605C66



4600A6



100026



# Inverse Universe

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



CDA0BA



FFBDE3



A4CDA0



665C62



A60060

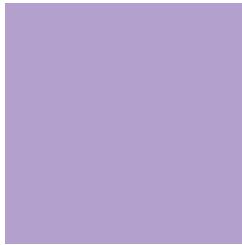


260016



# Previews

## White Background



This preview shows how the Hex color B3A0CD looks on a white background.

## Color Contrast Check

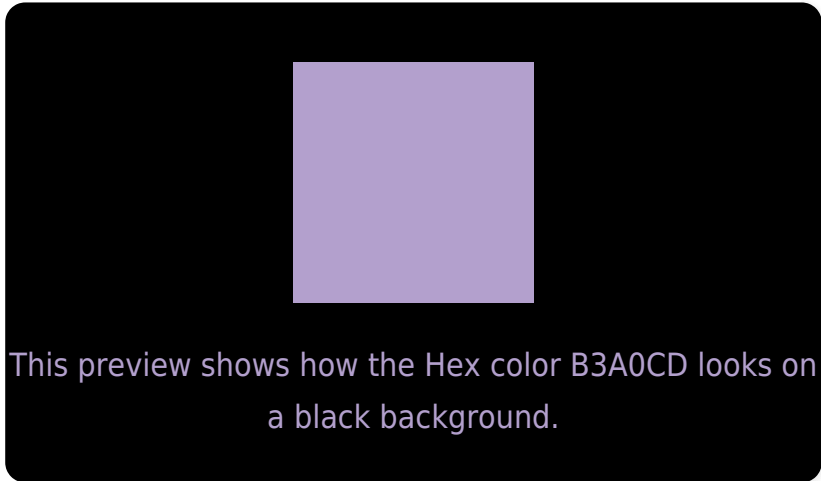
Large Text (above 18pt) WCAG AA × Fail

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

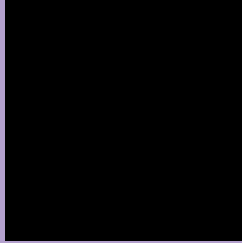
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3A0CD Background



This preview shows how black text looks on a background with the Hex color B3A0CD.

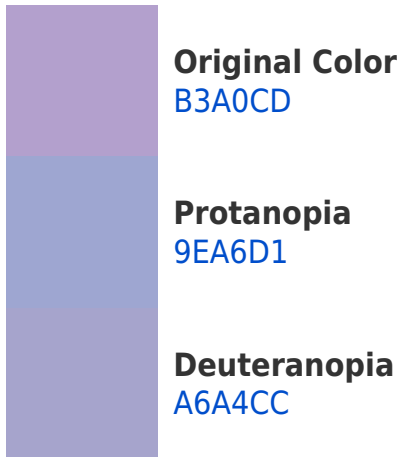


This preview shows how white text looks on a background with the Hex color B3A0CD.

# 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





# Trichromacy



**Original Color**  
B3A0CD

**Protanomaly**  
A6A4D0

**Deuteranomaly**  
ABA3CC

**Tritanomaly**  
B0A3BC

# Monochromacy



**Original Color**  
B3A0CD

**Achromatopsia**  
ABABAB

**Achromatomaly**  
AEA7B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3A0CD 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 #B3A0CD looks like.

```
.text, #text, p{  
    color:#B3A0CD  
}
```

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 #B3A0CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3A0CD
}
```

## Border

The CSS property to change the border of an element to Hex B3A0CD 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
#B3A0CD }
```

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

```
.border{ border-color:#B3A0CD }
```

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

Here you see how a box with a 4 pixel #B3A0CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3A0CD; -webkit-box-shadow:4px 4px  
4px 4px #B3A0CD; box-shadow:4px 4px 4px  
4px #B3A0CD }
```

# Background

The CSS property to change the background color of an element to Hex B3A0CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3A0CD }
```

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

```
.background{ background-color:#B3A0CD }
```

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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