

Converting Colors

Hex(B3A7C5)

Have a look what the booklet for
Hex(B3A7C5) contains.

Hex(B3A7C5)	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(B3A7C5)

Conversions

Conversions Part 1

Format	Color
Hex	B3A7C5
RGB	179, 167, 197
RGB Percent	70%, 65%, 77%
CMY	0.2980, 0.3451, 0.2275
CMYK	0.09, 0.15, 0.00, 0.23
HSL	264°, 21%, 71%
HSV	264°, 15%, 77%
XYZ	42.4872, 41.2524, 58.5465
YIQ	174.0080, -2.4780, 11.8740

Conversions

Conversions Part 2

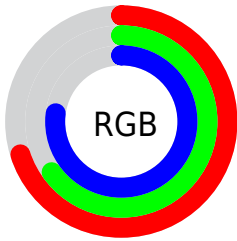
Format	Color
R_{YB}	179, 167, 197
Decimal	11773893
CIE Lab	70.35, 10.10, -13.75
CIE LCh	70, 17.059, 306.289
Yxy	41.2524, 0.2986, 0.2899
Android (android.graphics.Color)	4289963973 (0xFFB3A7C5)
YUV	174.0080, 11.3351, 4.3780
Hunter-Lab	64.2280, 5.6797, -9.0857

Details

The Hex color **B3A7C5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B9C5A7**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EBDEFE**, and **7E738F** is the 20% darker color. If you saturate the color by 10%, you get **A793C5**, and if you desaturate by 10%, it is **BFBBC5**.

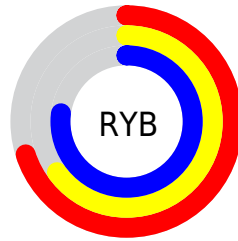
Distribution



Red (70%)

Green (65%)

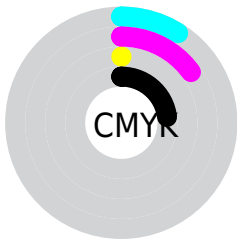
Blue (77%)



Red (70%)

Yellow (65%)

Blue (77%)

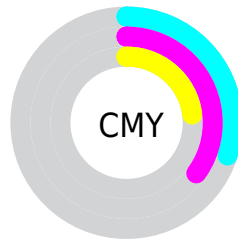


Cyan (9%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (30%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3A7C5 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 B3A7C5 by changing the saturation by 10% instead.

 B3A7C5

 B3A7C5

FFFFFF

 988DAA

 EBDEFE

 7E738F

 FFFBFF

 655B76

 4D435D

 362D45

 20182F

 0C001B

 000000

 B3A7C5

 B3A7C5

 A793C5

 BFBBC5

 9B80C5

 CBCEC5

 906CC5

 D6E2C5

 8458C5

 E2F6C5

 7844C5

 EEFFC5

 6C31C5

 FAFFC5

 601DC5

 FFFF C5

 5409C5

 4F00C5

Harmonies

Analogous

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



9FACCB



B3A7C5



C3A3B9

Triad

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



B3A7C5



C3A790



86B5AF

Complementary

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



B3A7C5



B9C5A7

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.



92B49F



B3A7C5



B5AC8D

Square

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



B3A7C5



CCA39A



A3B193



83B4BE

Rectangle

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



B3A7C5



CAA1AF



A3B193



89B5A9

Sweetspot

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



B3A7C5



F7F2FF



A7B9C5



7B7880



000000



808080

Same Dimension

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



B3A7C5



E3D1FF



C2A7C5



5D5A63



4100A3



0E0024

Inverse Universe

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



C5A7B9



FFD1ED



ABC5A7



635A5F



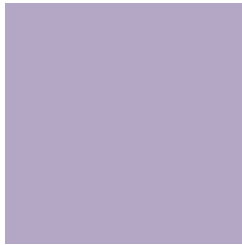
A30062



240015

Previews

White Background



This preview shows how the Hex color B3A7C5 looks on a white background.

Color Contrast Check

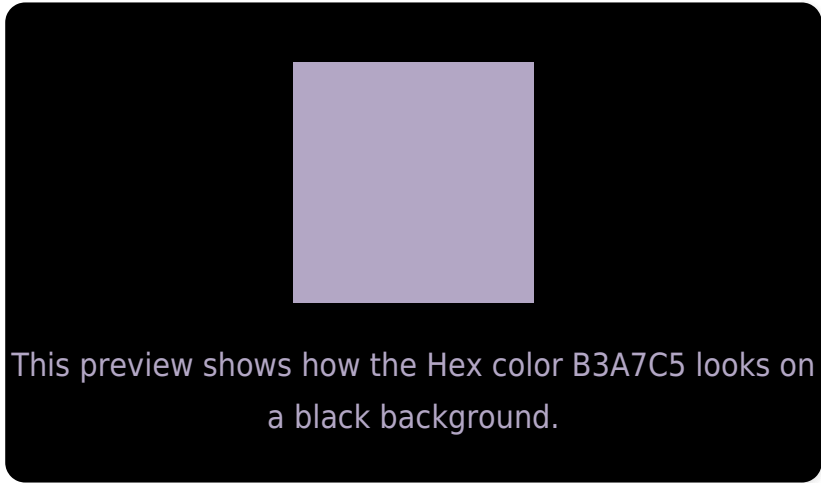
Large Text (above 18pt) WCAG AA × Fail

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

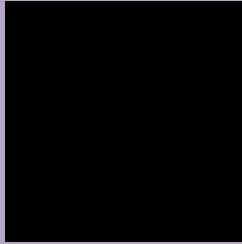
Any Text WCAG AA ✓ Pass

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 B3A7C5 Background



This preview shows how black text looks on a background with the Hex color B3A7C5.



This preview shows how white text looks on a background with the Hex color B3A7C5.

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



Original Color
B3A7C5

Protanopia
A7ABC7

Deuteranopia
B1A8C5



Tritanopia
B1A9B7

Trichromacy



Original Color
B3A7C5

Protanomaly
ABAAC6

Deuteranomaly
B2A8C5

Tritanomaly
B2A8BC

Monochromacy



Original Color
B3A7C5

Achromatopsia
AEAEAE

Achromatomaly
B0ABB6

CSS Examples

Text

The CSS property to change the color of the text to Hex B3A7C5 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 #B3A7C5 looks like.

```
.text, #text, p{  
    color:#B3A7C5  
}
```

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 #B3A7C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3A7C5
}
```

Border

The CSS property to change the border of an element to Hex B3A7C5 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
#B3A7C5 }
```

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

```
.border{ border-color:#B3A7C5 }
```

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

Here you see how a box with a 4 pixel #B3A7C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3A7C5; -webkit-box-shadow:4px 4px  
4px 4px #B3A7C5; box-shadow:4px 4px 4px  
4px #B3A7C5 }
```

Background

The CSS property to change the background color of an element to Hex B3A7C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3A7C5 }
```

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

```
.background{ background-color:#B3A7C5 }
```

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