

Converting Colors

Hex(B2A7EA)

Have a look what the booklet for
Hex(B2A7EA) contains.

Hex(B2A7EA)	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(B2A7EA)

Conversions

Conversions Part 1

Format	Color
Hex	B2A7EA
RGB	178, 167, 234
RGB Percent	70%, 65%, 92%
CMY	0.3020, 0.3451, 0.0824
CMYK	0.24, 0.29, 0.00, 0.08
HSL	250°, 61%, 79%
HSV	250°, 29%, 92%
XYZ	47.0301, 43.0429, 83.6713
YIQ	177.9270, -14.9510, 23.1690

Conversions

Conversions Part 2

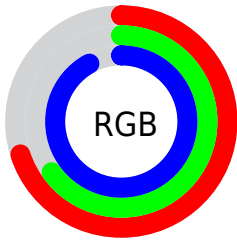
Format	Color
R _{YB}	178, 167, 234
Decimal	11708394
CIE _{Lab}	71.58, 17.95, -32.18
CIE _{LCh}	72, 36.853, 299.156
Yxy	43.0429, 0.2707, 0.2477
Android (android.graphics.Color)	4289898474 (0xFFB2A7EA)
YUV	177.9270, 27.6440, 0.0640
Hunter-Lab	65.6071, 13.1443, -29.6898

Details

The Hex color **B2A7EA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DFEAA7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EBDEFF**, and **7C73B2** is the 20% darker color. If you saturate the color by 10%, you get **9E90EA**, and if you desaturate by 10%, it is **C6BEEA**.

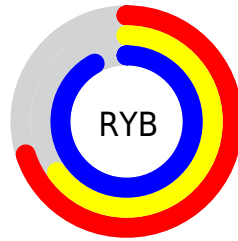
Distribution



Red (70%)

Green (65%)

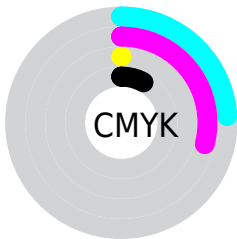
Blue (92%)



Red (70%)

Yellow (65%)

Blue (92%)

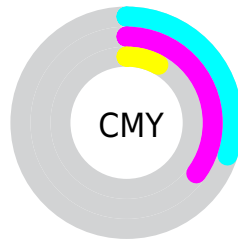


Cyan (24%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (30%)

Magenta (35%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2A7EA 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 B2A7EA by changing the saturation by 10% instead.

 B2A7EA

 B2A7EA

FFFFFF

 978DCE

 EBDEFF


 7C73B2

 FFFBFF

 625A97

 49437D

 302D64

 16184B

 010035

 00021E

 000001

 B2A7EA

 B2A7EA

 9E90EA

 C6BEEA

 8B78EA

 D9D6EA

 7761EA

 EDEDEA

 6449EA

 FFFFEA

 5032EA

 3D1BEA

 2903EA

 2600EA

Harmonies

Analogous

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



7EB3F2



B2A7EA



D99CD2

Triad

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



B2A7EA



E2A177



51C1AD

Complementary

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



B2A7EA



DFEAA7

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.



7CBE8C



B2A7EA



C7AD6C

Square

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



B2A7EA



F09890



A4B774



2DC1CF

Rectangle

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



B2A7EA



E997BD



A4B774



5FC1A2

Sweetspot

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



B2A7EA



ECE8FF



A7E0EA



747180



000000



808080

Same Dimension

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



B2A7EA



B7A8FF



D3A7EA



6B6A75



1E00B5



090036

Inverse Universe

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



EAA7DF



FFA8F1



BEEAA7



756A73



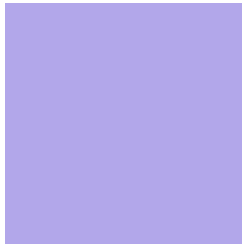
B50097



36002D

Previews

White Background



This preview shows how the Hex color B2A7EA looks on a white background.

Color Contrast Check

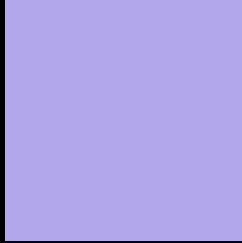
Large Text (above 18pt) WCAG AA × Fail

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 B2A7EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

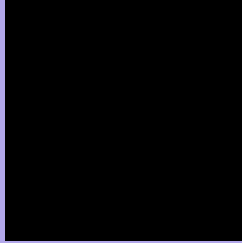
Any Text WCAG AA ✓ Pass

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 B2A7EA Background



This preview shows how black text looks on a background with the Hex color B2A7EA.

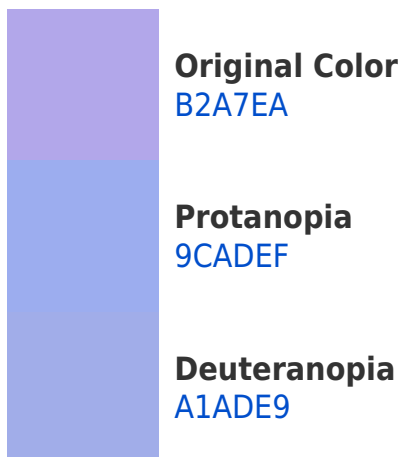


This preview shows how white text looks on a background with the Hex color B2A7EA.

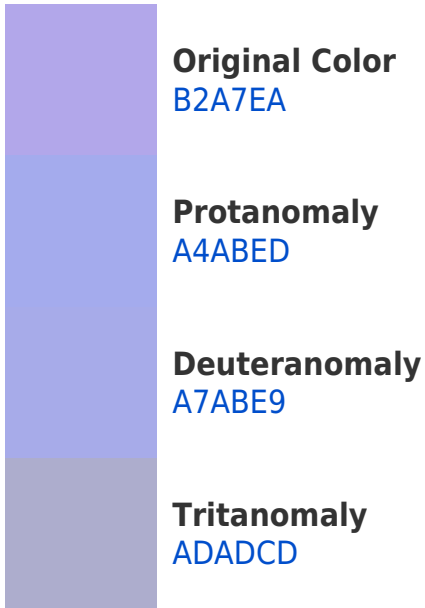
Color Blindness Simulation

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](#).

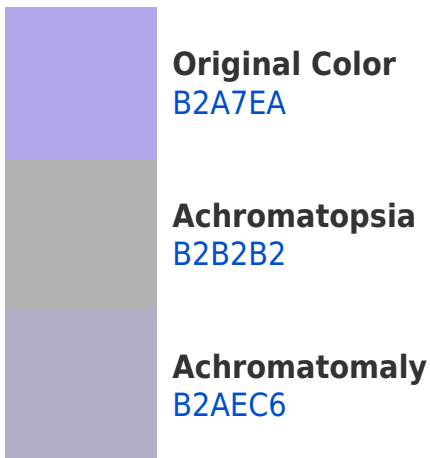
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2A7EA 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 #B2A7EA looks like.

```
.text, #text, p{  
    color:#B2A7EA  
}
```

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 #B2A7EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2A7EA
}
```

Border

The CSS property to change the border of an element to Hex B2A7EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

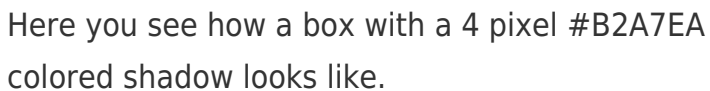
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B2A7EA }
```

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

```
.border{ border-color:#B2A7EA }
```

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



Here you see how a box with a 4 pixel #B2A7EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2A7EA; -webkit-box-shadow:4px 4px  
4px 4px #B2A7EA; box-shadow:4px 4px 4px  
4px #B2A7EA }
```

Background

The CSS property to change the background color of an element to Hex B2A7EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2A7EA }
```

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

```
.background{ background-color:#B2A7EA }
```

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