

# Converting Colors

Hex(B2A7F1)

Have a look what the booklet for  
Hex(B2A7F1) contains.

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# Color

**Hex(B2A7F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2A7F1
RGB	178, 167, 241
RGB Percent	70%, 65%, 95%
CMY	0.3020, 0.3451, 0.0549
CMYK	0.26, 0.31, 0.00, 0.05
HSL	249°, 73%, 80%
HSV	249°, 31%, 95%
XYZ	48.0560, 43.4533, 89.0736
YIQ	178.7250, -17.1980, 25.3460

# Conversions

## Conversions Part 2

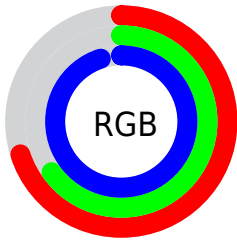
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 167, 241
Decimal	11708401
CIE <sub>Lab</sub>	71.86, 19.61, -35.57
CIE <sub>LCh</sub>	72, 40.615, 298.876
Yxy	43.4533, 0.2661, 0.2406
Android (android.graphics.Color)	4289898481 (0xFFB2A7F1)
YUV	178.7250, 30.7016, -0.6358
Hunter-Lab	65.9191, 14.7707, -33.9726

# Details

The Hex color **B2A7F1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E6F1A7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EBDEFF**, and **7C73B9** is the 20% darker color. If you saturate the color by 10%, you get **9D8FF1**, and if you desaturate by 10%, it is **C7BFF1**.

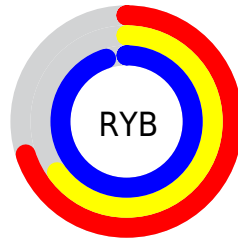
# Distribution



Red (70%)

Green (65%)

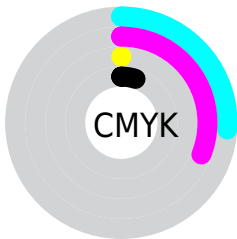
Blue (95%)



Red (70%)

Yellow (65%)

Blue (95%)

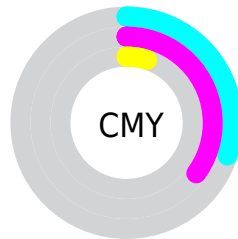


Cyan (26%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (35%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2A7F1 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 B2A7F1 by changing the saturation by 10% instead.



 B2A7F1

 B2A7F1


FFFFFF

 978DD4

 EBDEFF

 7C73B9

 FFFBFF

 615A9D

 484383

 2E2D6A

 121851

 00003A

 000223

 00000A

 B2A7F1

 B2A7F1

 9D8FF1

 C7BFF1

 8977F1

 DBD7F1

 745FF1

 F0EFF1

 6047F1

 FFFFF1

 4B2EF1

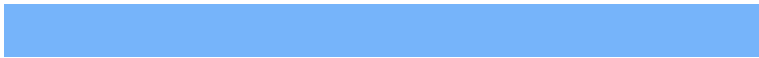
 3716F1

 2400F1

# Harmonies

## Analogous

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



76B4FA



B2A7F1



DD9AD7

# Triad

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



B2A7F1



E7A072



41C4AD

# Complementary

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



B2A7F1



E6F1A7

# 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.



77C089



B2A7F1



C9AD65

# Square

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



B2A7F1



F7968E



A3B96E



00C3D3

# Rectangle

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



B2A7F1



EF94C0



A3B96E



54C3A1



# Sweetspot

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



B2A7F1



EBE8FF



A7E7F1



747180



000000



808080



# Same Dimension

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



B2A7F1



AFA1FF



D6A7F1



6E6C78



1B00B8



080038



# Inverse Universe

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



F1A7E6



FFA1F1



C2F1A7



786C76



B8009C

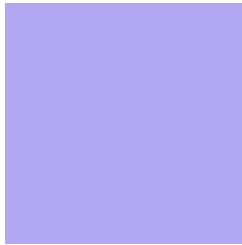


380030



# Previews

## White Background



This preview shows how the Hex color B2A7F1 looks on a white background.

## Color Contrast Check

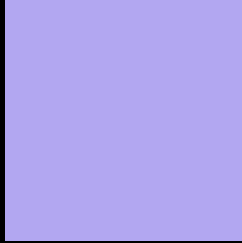
Large Text (above 18pt) WCAG AA × Fail

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 B2A7F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

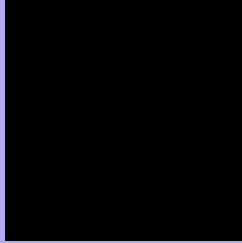
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2A7F1 Background



This preview shows how black text looks on a background with the Hex color B2A7F1.

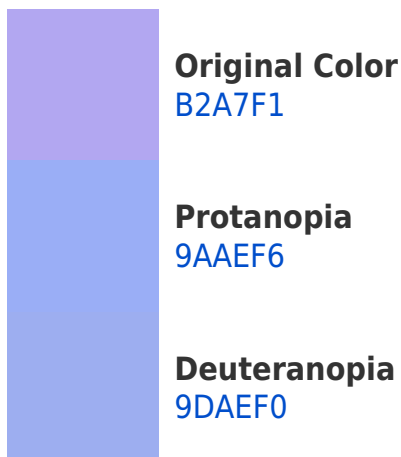


This preview shows how white text looks on a background with the Hex color B2A7F1.

# 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](#).

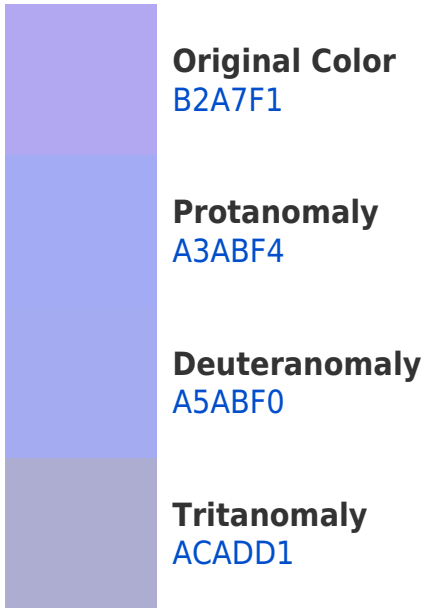
## Dichromacy



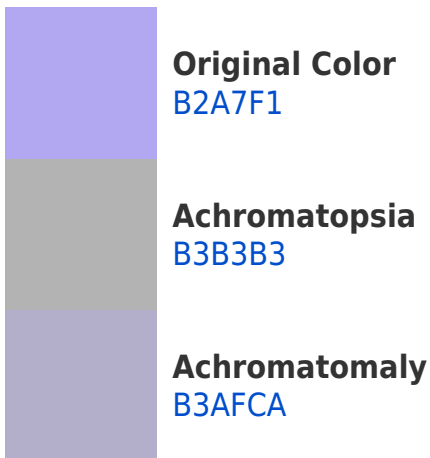


**Tritanopia**  
A8B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2A7F1 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 #B2A7F1 looks like.

```
.text, #text, p{  
    color:#B2A7F1  
}
```

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 #B2A7F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2A7F1
}
```

## Border

The CSS property to change the border of an element to Hex B2A7F1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

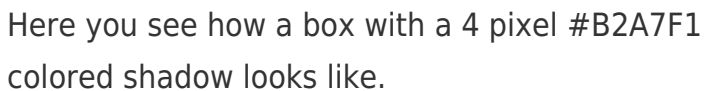
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B2A7F1 }
```

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

```
.border{ border-color:#B2A7F1 }
```

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



Here you see how a box with a 4 pixel #B2A7F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2A7F1; -webkit-box-shadow:4px 4px  
4px 4px #B2A7F1; box-shadow:4px 4px 4px  
4px #B2A7F1 }
```

# Background

The CSS property to change the background color of an element to Hex B2A7F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2A7F1 }
```

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

```
.background{ background-color:#B2A7F1 }
```

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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