

# Converting Colors

Hex(B2ABF7)

Have a look what the booklet for  
Hex(B2ABF7) contains.

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# **Color**

**Hex(B2ABF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2ABF7
RGB	178, 171, 247
RGB Percent	70%, 67%, 97%
CMY	0.3020, 0.3294, 0.0314
CMYK	0.28, 0.31, 0.00, 0.03
HSL	246°, 83%, 82%
HSV	246°, 31%, 97%
XYZ	49.7115, 45.3062, 94.1206
YIQ	181.7570, -20.2240, 25.1200

# Conversions

## Conversions Part 2

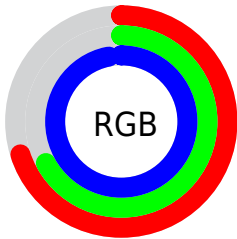
Format	Color
<a href="#">RYB</a>	<a href="#">178, 171, 247</a>
Decimal	<a href="#">11709431</a>
CIELab	<a href="#">73.09, 18.83, -36.91</a>
CIELCh	<a href="#">73, 41.435, 297.026</a>
Yxy	<a href="#">45.3062, 0.2628, 0.2395</a>
Android (android.graphics.Color)	<a href="#">4289899511 (0xFFB2ABF7)</a>
YUV	<a href="#">181.7570, 32.1648, -3.2949</a>
Hunter-Lab	<a href="#">67.3099, 14.0383, -35.7893</a>

# Details

The Hex color **B2ABF7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F0F7AB**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **EBE2FF**, and **7B77BE** is the 20% darker color. If you saturate the color by 10%, you get **9C92F7**, and if you desaturate by 10%, it is **C8C4F7**.

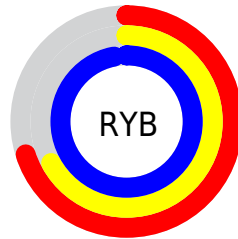
# Distribution



Red (70%)

Green (67%)

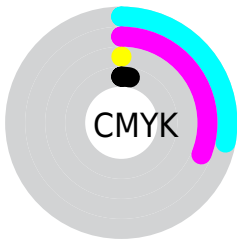
Blue (97%)



Red (70%)

Yellow (67%)

Blue (97%)

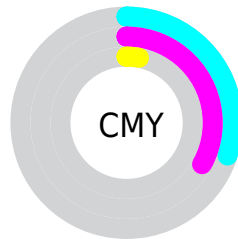


Cyan (28%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (30%)

Magenta (33%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2ABF7 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 B2ABF7 by changing the saturation by 10% instead.



 B2ABF7

 B2ABF7

FFFFFF

 9690DA

 EBE2FF

 7B77BE

 615EA3

 474788

 2D306F

 0F1B56

 00023E

 000328

 000111

 B2ABF7

 B2ABF7

 9C92F7

 C8C4F7

 857AF7

 DFDCF7

 6F61F7

 F5F5F7

 5848F7

 FFFFF7

 422FF7

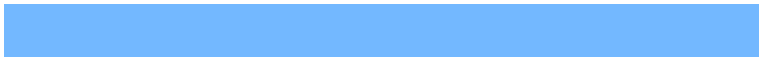
 2B17F7

 1700F7

# Harmonies

## Analogous

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



73B8FF



B2ABF7



E09EDD

# Triad

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



B2ABF7



EDA375



45C7AE

# Complementary

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



B2ABF7



F0F7AB

# 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.



7CC389



B2ABF7



CFB067

# Square

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



B2ABF7



FC9893



A9BC6E



00C7D5

# Rectangle

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



B2ABF7



F397C6



A9BC6E



59C6A1



# Sweetspot

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



B2ABF7



EAE8FF



ABF1F7



737180



000000



808080



# Same Dimension

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



B2ABF7



A9A1FF



D7ABF7



6F6E7A



1100BA



05003B



# Inverse Universe

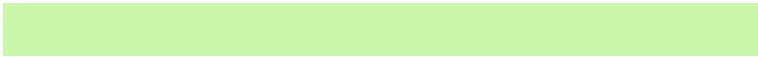
The Inverse Universe completely reimagines the original color for something new.



F7ABF0



FFA1F6



CBF7AB



7A6E79



BA00A9

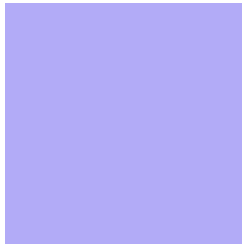


3B0035



# Previews

## White Background



This preview shows how the Hex color B2ABF7 looks on a white background.

## Color Contrast Check

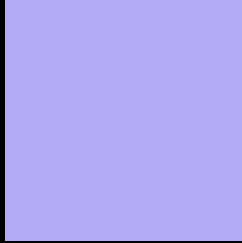
Large Text (above 18pt) WCAG AA × Fail

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 B2ABF7 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 B2ABF7 Background



This preview shows how black text looks on a background with the Hex color B2ABF7.



This preview shows how white text looks on a background with the Hex color B2ABF7.

# 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**  
B2ABF7

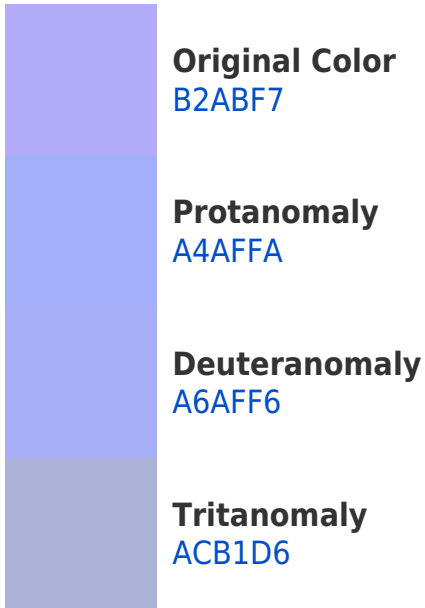
**Protanopia**  
9CB1FC

**Deuteranopia**  
9FB1F6

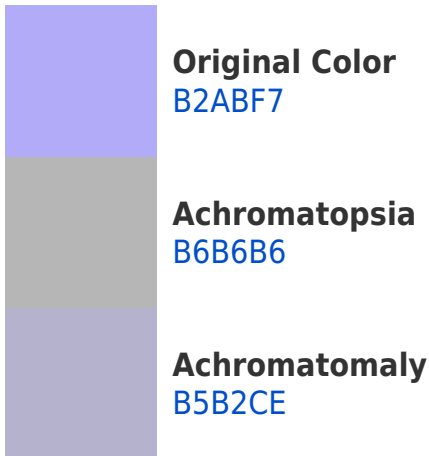


**Tritanopia**  
A8B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2ABF7 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 #B2ABF7 looks like.

```
.text, #text, p{  
    color:#B2ABF7  
}
```

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 #B2ABF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2ABF7
}
```

## Border

The CSS property to change the border of an element to Hex B2ABF7 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
#B2ABF7 }
```

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

```
.border{ border-color:#B2ABF7 }
```

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

Here you see how a box with a 4 pixel #B2ABF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2ABF7; -webkit-box-shadow:4px 4px  
4px 4px #B2ABF7; box-shadow:4px 4px 4px  
4px #B2ABF7 }
```

# Background

The CSS property to change the background color of an element to Hex B2ABF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2ABF7 }
```

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

```
.background{ background-color:#B2ABF7 }
```

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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