

Converting Colors

Hex(B7ACF9)

Have a look what the booklet for
Hex(B7ACF9) contains.

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Color

Hex(B7ACF9)

Conversions

Conversions Part 1

Format	Color
Hex	B7ACF9
RGB	183, 172, 249
RGB Percent	72%, 67%, 98%
CMY	0.2824, 0.3255, 0.0235
CMYK	0.27, 0.31, 0.00, 0.02
HSL	249°, 87%, 83%
HSV	249°, 31%, 98%
XYZ	51.3798, 46.4119, 95.8729
YIQ	184.0670, -18.1610, 26.2790

Conversions

Conversions Part 2

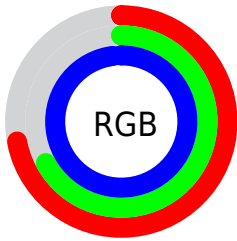
Format	Color
R _Y B	183, 172, 249
Decimal	12037369
CIE Lab	73.81, 20.19, -36.85
CIE LCh	74, 42.013, 298.716
Yxy	46.4119, 0.2653, 0.2397
Android (android.graphics.Color)	4290227449 (0xFFB7ACF9)
YUV	184.0670, 32.0120, -0.9358
Hunter-Lab	68.1263, 15.4012, -35.7494

Details

The Hex color **B7ACF9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EEF9AC**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **F0E3FF**, and **8078C0** is the 20% darker color. If you saturate the color by 10%, you get **A293F9**, and if you desaturate by 10%, it is **CCC5F9**.

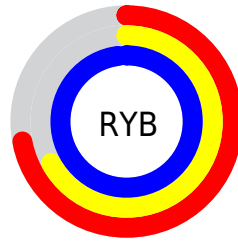
Distribution



Red (72%)

Green (67%)

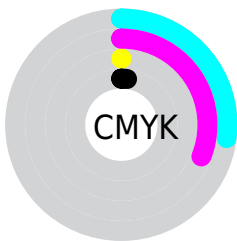
Blue (98%)



Red (72%)

Yellow (67%)

Blue (98%)

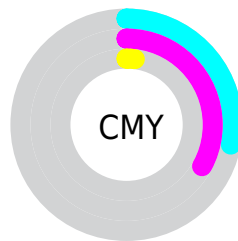


Cyan (27%)

Magenta (31%)

Yellow (0%)

Black (2%)



Cyan (28%)

Magenta (33%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7ACF9 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 B7ACF9 by changing the saturation by 10% instead.

 B7ACF9

 B7ACF9

FFFFFF

 9B91DC

 F0E3FF

 8078C0

 665FA5

 4C478A

 323171

 161C58

 000440

 000329

 000113

 B7ACF9

 B7ACF9

 A293F9

 CCC5F9

 8C7AF9

 E2DEF9

 7761F9

 F7F7F9

 6248F9

 FFFFF9

 4C30F9

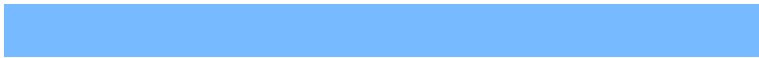
 3717F9

 2400F9

Harmonies

Analogous

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



78BAFF



B7ACF9



E49EDE

Triad

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



B7ACF9



EEA575



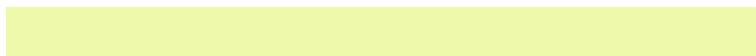
40CAB2

Complementary

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



B7ACF9



EEF9AC

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.



7AC68C



B7ACF9



D0B367

Square

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



B7ACF9



FF9A92



A8BE70



00C9D9

Rectangle

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



B7ACF9



F798C6



A8BE70



56C9A5

Sweetspot

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



B7ACF9



EBE8FF



ACEFF9



737180



000000



808080

Same Dimension

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



B7ACF9



AEA1FF



DDACF9



72707D



1B00BD



09003D

Inverse Universe

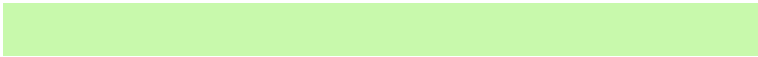
The Inverse Universe completely reimagines the original color for something new.



F9ACEE



FFA1F2



C8F9AC



7D707B



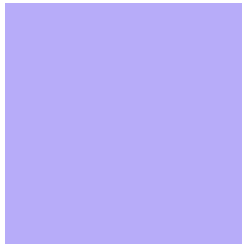
BD00A2



3D0034

Previews

White Background



This preview shows how the Hex color B7ACF9 looks on a white background.

Color Contrast Check

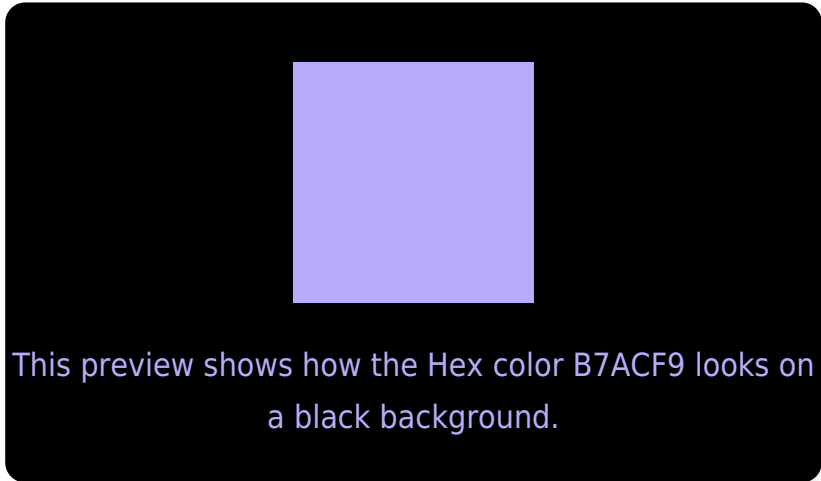
Large Text (above 18pt) WCAG AA × Fail

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

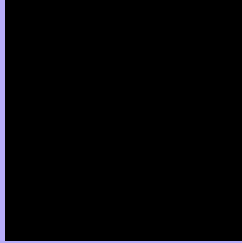
Any Text WCAG AA ✓ Pass

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 B7ACF9 Background



This preview shows how black text looks on a background with the Hex color B7ACF9.

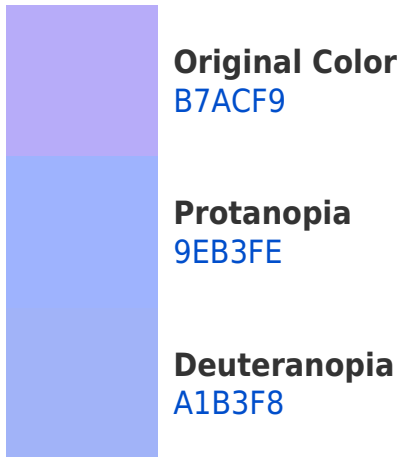


This preview shows how white text looks on a background with the Hex color B7ACF9.

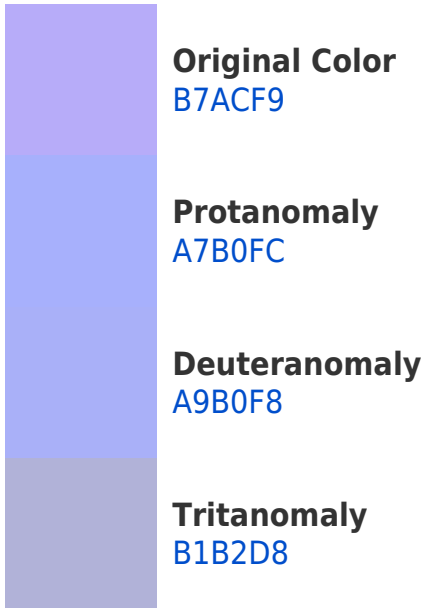
Color Blindness Simulation

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](#).

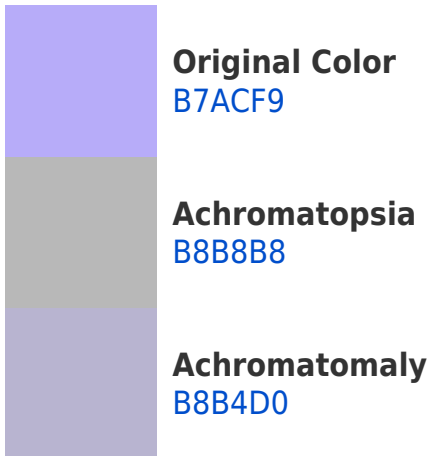
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7ACF9 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 #B7ACF9 looks like.

```
.text, #text, p{  
    color:#B7ACF9  
}
```

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 #B7ACF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7ACF9
}
```

Border

The CSS property to change the border of an element to Hex B7ACF9 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
#B7ACF9 }
```

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

```
.border{ border-color:#B7ACF9 }
```

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

Here you see how a box with a 4 pixel #B7ACF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7ACF9; -webkit-box-shadow:4px 4px  
4px 4px #B7ACF9; box-shadow:4px 4px 4px  
4px #B7ACF9 }
```

Background

The CSS property to change the background color of an element to Hex B7ACF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7ACF9 }
```

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

```
.background{ background-color:#B7ACF9 }
```

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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