

Converting Colors

Hex(B0A4F9)

Have a look what the booklet for
Hex(B0A4F9) contains.

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Color

Hex(B0A4F9)

Conversions

Conversions Part 1

Format	Color
Hex	B0A4F9
RGB	176, 164, 249
RGB Percent	69%, 64%, 98%
CMY	0.3098, 0.3569, 0.0235
CMYK	0.29, 0.34, 0.00, 0.02
HSL	248°, 88%, 81%
HSV	248°, 34%, 98%
XYZ	48.2788, 42.6206, 95.3046
YIQ	177.2780, -20.1330, 28.9790

Conversions

Conversions Part 2

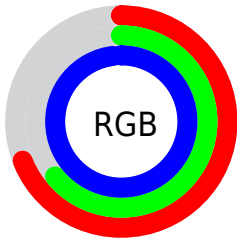
Format	Color
R _Y B	176, 164, 249
Decimal	11576569
CIE Lab	71.30, 22.66, -40.80
CIE LCh	71, 46.674, 299.049
Yxy	42.6206, 0.2593, 0.2289
Android (android.graphics.Color)	4289766649 (0xFFB0A4F9)
YUV	177.2780, 35.3589, -1.1208
Hunter-Lab	65.2844, 17.7557, -40.8546

Details

The Hex color **B0A4F9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EDF9A4**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **E9DBFF**, and **7970C0** is the 20% darker color. If you saturate the color by 10%, you get **9B8BF9**, and if you desaturate by 10%, it is **C5BDF9**.

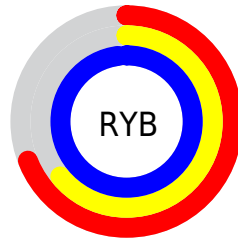
Distribution



Red (69%)

Green (64%)

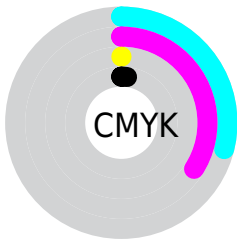
Blue (98%)



Red (69%)

Yellow (64%)

Blue (98%)

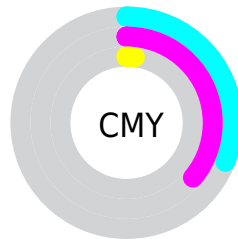


Cyan (29%)

Magenta (34%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (36%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0A4F9 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 B0A4F9 by changing the saturation by 10% instead.

 B0A4F9

 B0A4F9

FFFFFF

 948ADC

 E9DBFF

 7970C0

 FFF8FF

 5F58A5

 44408A

 292A70

 071657

 000040

 000329

 000113

 B0A4F9

 B0A4F9

 9B8BF9

 C5BDF9

 8572F9

 DBD6F9

 7059F9

 F0EFF9

 5A40F9

 FFFFF9

 4528F9

 300FF9

 2300F9

Harmonies

Analogous

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



65B3FF



B0A4F9



E294DB

Triad

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



B0A4F9



EB9C66



00C4AC

Complementary

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



B0A4F9



EDF9A4

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.



6AC181



B0A4F9



CAAC58

Square

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



B0A4F9



FE8F88



9FB862



00C4D7

Rectangle

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



B0A4F9



F68DC0



9FB862



39C49D

Sweetspot

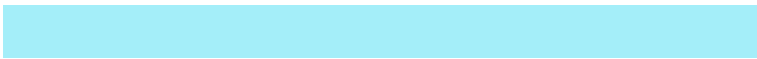
The Sweet Spot groups the original color and five complimentary colors.



B0A4F9



E9E6FF



A4EEF9



727080



000000



808080

Same Dimension

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



B0A4F9



A596FF



DAA4F9



72707D



1B00BD



09003D

Inverse Universe

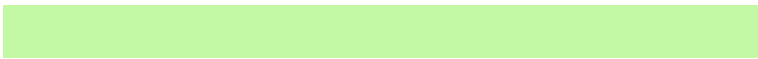
The Inverse Universe completely reimagines the original color for something new.



F9A4ED



FF96F0



C3F9A4



7D707B



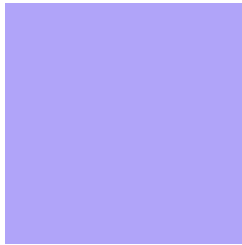
BD00A2



3D0035

Previews

White Background



This preview shows how the Hex color B0A4F9 looks on a white background.

Color Contrast Check

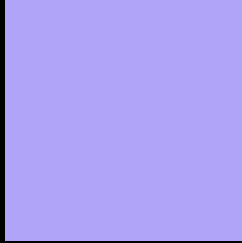
Large Text (above 18pt) WCAG AA × Fail

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 B0A4F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

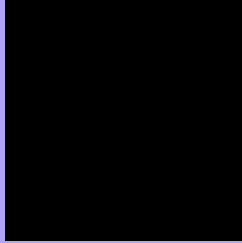
Any Text WCAG AA ✓ Pass

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 B0A4F9 Background



This preview shows how black text looks on a background with the Hex color B0A4F9.

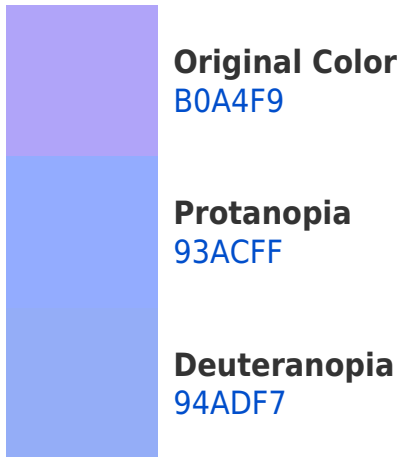


This preview shows how white text looks on a background with the Hex color B0A4F9.

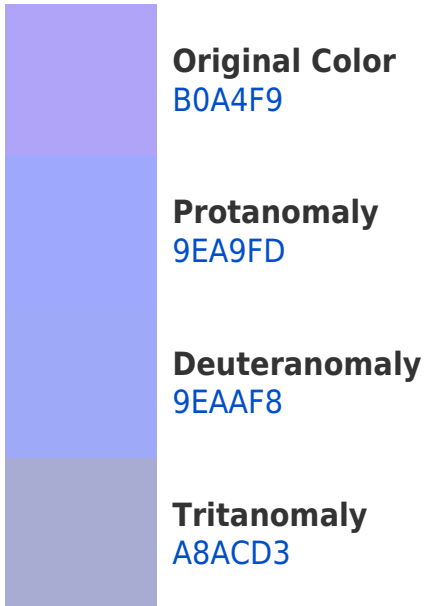
Color Blindness Simulation

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](#).

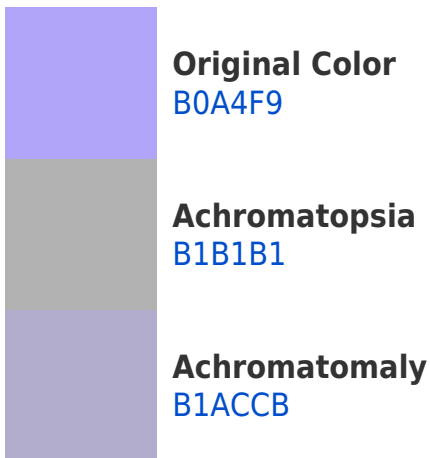
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0A4F9 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 #B0A4F9 looks like.

```
.text, #text, p{  
    color:#B0A4F9  
}
```

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 #B0A4F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A4F9
}
```

Border

The CSS property to change the border of an element to Hex B0A4F9 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
#B0A4F9 }
```

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

```
.border{ border-color:#B0A4F9 }
```

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

Here you see how a box with a 4 pixel #B0A4F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A4F9; -webkit-box-shadow:4px 4px  
4px 4px #B0A4F9; box-shadow:4px 4px 4px  
4px #B0A4F9 }
```

Background

The CSS property to change the background color of an element to Hex B0A4F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A4F9 }
```

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

```
.background{ background-color:#B0A4F9 }
```

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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