

Converting Colors

Hex(B0A9F4)

Have a look what the booklet for
Hex(B0A9F4) contains.

Hex(B0A9F4)	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(B0A9F4)

Conversions

Conversions Part 1

Format	Color
Hex	B0A9F4
RGB	176, 169, 244
RGB Percent	69%, 66%, 96%
CMY	0.3098, 0.3373, 0.0431
CMYK	0.28, 0.31, 0.00, 0.04
HSL	246°, 77%, 81%
HSV	246°, 31%, 96%
XYZ	48.4216, 44.1377, 91.5553
YIQ	179.6430, -19.9030, 24.8090

Conversions

Conversions Part 2

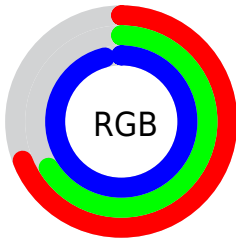
Format	Color
R _Y B	176, 169, 244
Decimal	11577844
CIE Lab	72.32, 18.64, -36.50
CIE LCh	72, 40.981, 297.059
Yxy	44.1377, 0.2630, 0.2397
Android (android.graphics.Color)	4289767924 (0xFFB0A9F4)
YUV	179.6430, 31.7280, -3.1949
Hunter-Lab	66.4362, 13.8352, -35.2018

Details

The Hex color **B0A9F4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EDF4A9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E9E0FF**, and **7A75BB** is the 20% darker color. If you saturate the color by 10%, you get **9A91F4**, and if you desaturate by 10%, it is **C6C1F4**.

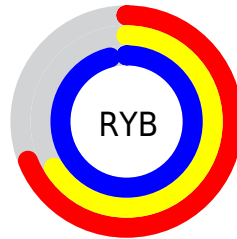
Distribution



Red (69%)

Green (66%)

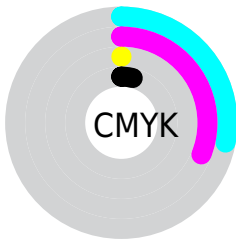
Blue (96%)



Red (69%)

Yellow (66%)

Blue (96%)

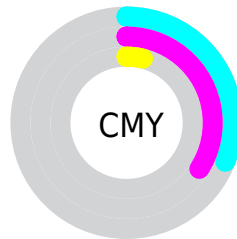


Cyan (28%)

Magenta (31%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (34%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0A9F4 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 B0A9F4 by changing the saturation by 10% instead.

 B0A9F4

 B0A9F4

FFFFFF

 948FD7

 E9E0FF

 7A75BB

 FFFDFD

 5F5CA0

 454586

 2B2F6C

 0D1A53

 00003C

 000225

 00010E

 B0A9F4

 B0A9F4

 9A91F4

 C6C1F4

 8478F4

 DCDAF4

 6E60F4

 F2F2F4

 5847F4

 FFFFF4

 412FF4

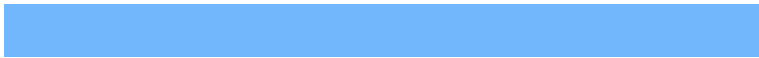
 2B17F4

 1700F4

Harmonies

Analogous

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



72B6FC



B0A9F4



DD9CDB

Triad

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



B0A9F4



EAA174



44C5AC

Complementary

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



B0A9F4



EDF4A9

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.



7AC187



B0A9F4



CDAE66

Square

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



B0A9F4



F99691



A7B96D



00C5D2

Rectangle

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



B0A9F4



F096C3



A7B96D



58C49F

Sweetspot

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



B0A9F4



EAE8FF



A9EEF4



737180



000000



808080

Same Dimension

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



B0A9F4



A9A1FF



D5A9F4



6F6E7A



1100BA



05003B

Inverse Universe

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



F4A9ED



FFA1F6



C8F4A9



7A6E79



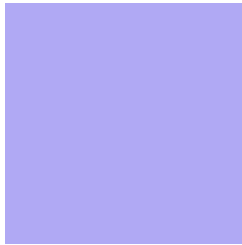
BA00A9



3B0035

Previews

White Background



This preview shows how the Hex color B0A9F4 looks on a white background.

Color Contrast Check

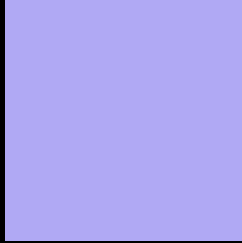
Large Text (above 18pt) WCAG AA × Fail

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 B0A9F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

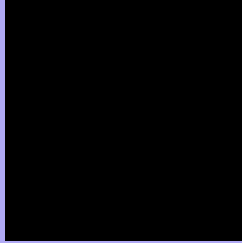
Any Text WCAG AA ✓ Pass

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 B0A9F4 Background



This preview shows how black text looks on a background with the Hex color B0A9F4.

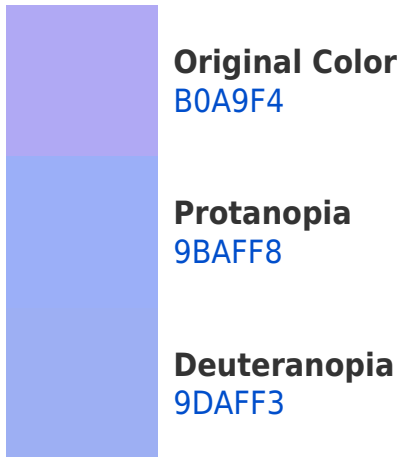


This preview shows how white text looks on a background with the Hex color B0A9F4.

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](#).

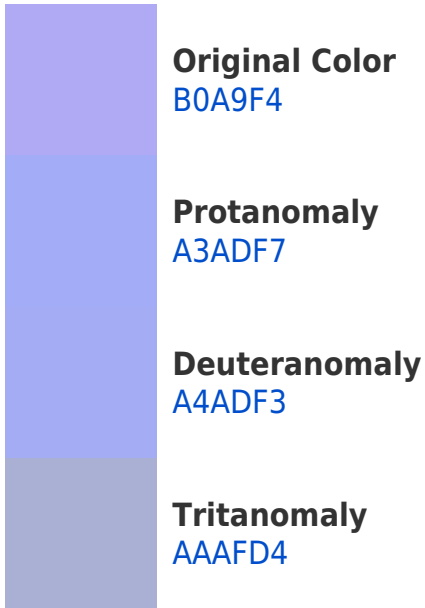
Dichromacy





Tritanopia
A6B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0A9F4 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 #B0A9F4 looks like.

```
.text, #text, p{  
    color:#B0A9F4  
}
```

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 #B0A9F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A9F4
}
```

Border

The CSS property to change the border of an element to Hex B0A9F4 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
#B0A9F4 }
```

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

```
.border{ border-color:#B0A9F4 }
```

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

Here you see how a box with a 4 pixel #B0A9F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A9F4; -webkit-box-shadow:4px 4px  
4px 4px #B0A9F4; box-shadow:4px 4px 4px  
4px #B0A9F4 }
```

Background

The CSS property to change the background color of an element to Hex B0A9F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A9F4 }
```

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

```
.background{ background-color:#B0A9F4 }
```

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