

# Converting Colors

Hex(B081FF)

Have a look what the booklet for  
Hex(B081FF) contains.

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# Color

Hex(**B081FF**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B081FF
RGB	176, 129, 255
RGB Percent	69%, 51%, 100%
CMY	0.3098, 0.4941, 0.0000
CMYK	0.31, 0.49, 0.00, 0.00
HSL	262°, 100%, 75%
HSV	262°, 49%, 100%
XYZ	43.8048, 32.1506, 98.5047
YIQ	157.4170, -12.4340, 49.1500

# Conversions

## Conversions Part 2

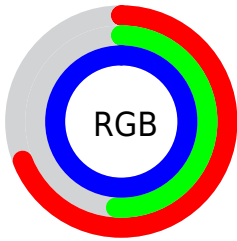
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 129, 255
Decimal	11567615
CIE <sub>Lab</sub>	63.47, 43.69, -56.42
CIE <sub>LCh</sub>	63, 71.356, 307.750
Yxy	32.1506, 0.2511, 0.1843
Android (android.graphics.Color)	4289757695 (0xFFB081FF)
YUV	157.4170, 48.1084, 16.2973
Hunter-Lab	56.7015, 38.6725, -63.3104

# Details

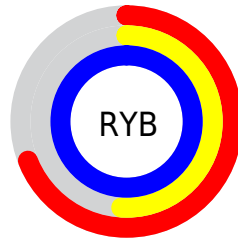
The Hex color **B081FF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **D0FF81**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **EAB7FF**, and **774EC6** is the 20% darker color. If you saturate the color by 10%, you get **A068FF**, and if you desaturate by 10%, it is **C09BFF**.

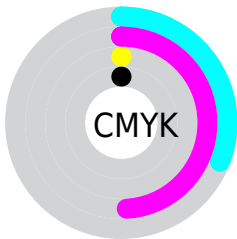
# Distribution



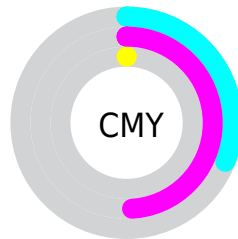
- Red (69%)
- Green (51%)
- Blue (100%)



- Red (69%)
- Yellow (51%)
- Blue (100%)



- Cyan (31%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (49%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B081FF 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 B081FF by changing the saturation by 10% instead.



 B081FF

 B081FF

FFFFFF

 9467E2

 EAB7FF

 774EC6

 FFD3FF

 5B36AA

 FFEFFF

 3F1E8F

 1F0474

 00005B

 000043

 00032B

 000116

 B081FF

 B081FF

 A068FF

 C09BFF

 904EFF

 D0B4FF

 8035FF

 E0CEFF

 701BFF

 F0E7FF

 6002FF

FFFFFF

 5F00FF

# Harmonies

## Analogous

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



009CFF



B081FF



F263CB

# Triad

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



B081FF



DD8514



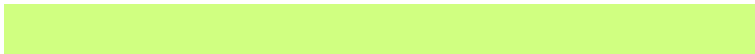
00B7A9

# Complementary

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



B081FF



D0FF81

# 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.



00B467



B081FF



A99C00

# Square

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



B081FF



FF694F



64AB28



00B5E6

# Rectangle

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



B081FF



FF57A1



64AB28



00B693



# Sweetspot

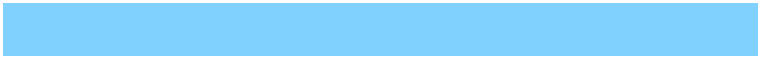
The Sweet Spot groups the original color and five complimentary colors.



B081FF



E7D9FF



81D1FF



716980



000000



808080



# Same Dimension

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



B081FF



A169FF



EE81FF



787380



4700BF



180040



# Inverse Universe

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



FF81D0



FF69C7



92FF81



80737B



BF0078

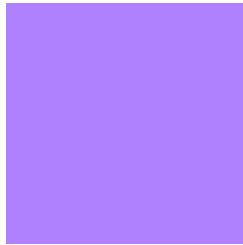


400028



# Previews

## White Background



This preview shows how the Hex color B081FF looks on a white background.

## Color Contrast Check

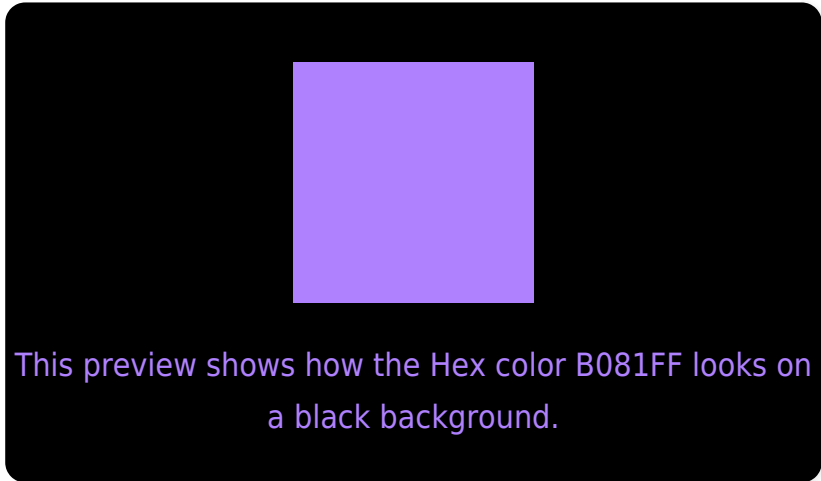
Large Text (above 18pt) WCAG AA × Fail

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

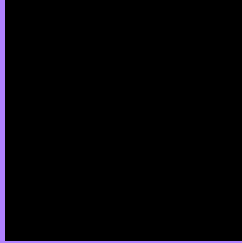
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B081FF Background



This preview shows how black text looks on a background with the Hex color B081FF.

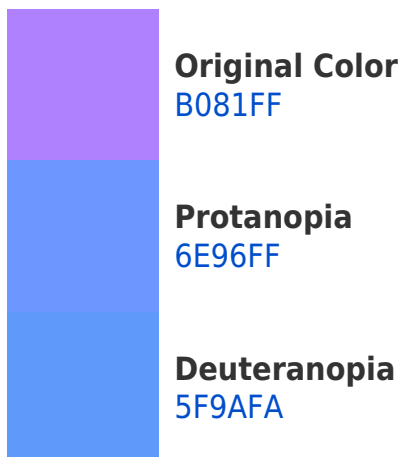


This preview shows how white text looks on a background with the Hex color B081FF.

# 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](#).

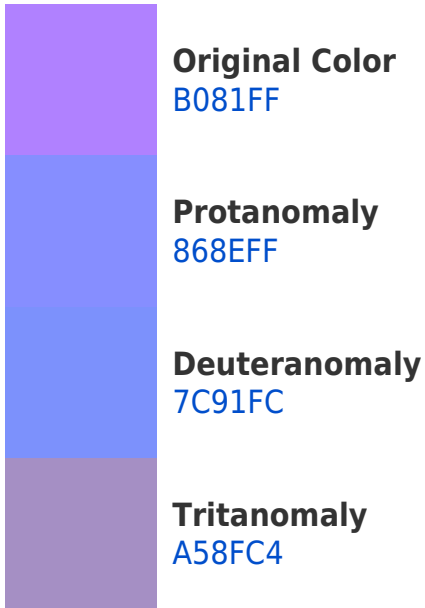
## Dichromacy



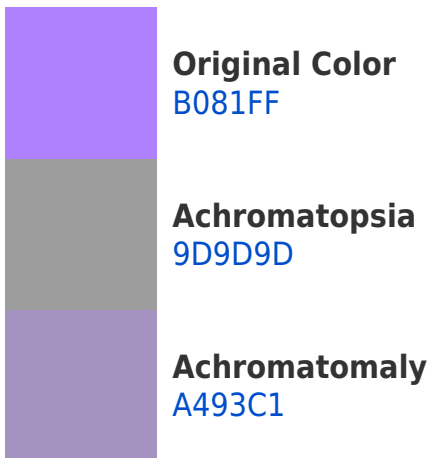


**Tritanopia**  
9E97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B081FF 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 #B081FF looks like.

```
.text, #text, p{  
    color:#B081FF  
}
```

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 #B081FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B081FF
}
```

## Border

The CSS property to change the border of an element to Hex B081FF 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".

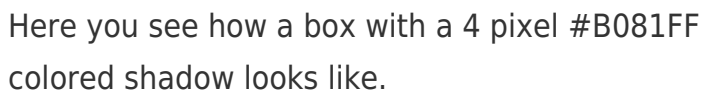
```
.border, #border, table{ border:4px solid
#B081FF }
```

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

```
.border{ border-color:#B081FF }
```

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

Here you see how a box with a 4 pixel #B081FF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B081FF; -webkit-box-shadow:4px 4px  
4px 4px #B081FF; box-shadow:4px 4px 4px  
4px #B081FF }
```

# Background

The CSS property to change the background color of an element to Hex B081FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B081FF }
```

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

```
.background{ background-color:#B081FF }
```

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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