

# Converting Colors

Hex(B959FE)

Have a look what the booklet for  
Hex(B959FE) contains.

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**Color**

**Hex(B959FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B959FE
RGB	185, 89, 254
RGB Percent	73%, 35%, 100%
CMY	0.2745, 0.6510, 0.0039
CMYK	0.27, 0.65, 0.00, 0.00
HSL	275°, 99%, 67%
HSV	275°, 65%, 100%
XYZ	41.4694, 24.6148, 96.3314
YIQ	136.5140, 4.2510, 71.6670

# Conversions

## Conversions Part 2

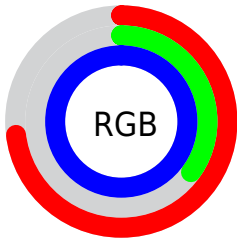
Format	Color
R <sub>Y</sub> B	185, 89, 254
Decimal	12147198
CIE Lab	56.70, 65.87, -66.66
CIE LCh	57, 93.715, 314.661
Yxy	24.6148, 0.2553, 0.1516
Android (android.graphics.Color)	4290337278 (0xFFB959FE)
YUV	136.5140, 57.9206, 42.5222
Hunter-Lab	49.6133, 62.3762, -80.3908

# Details

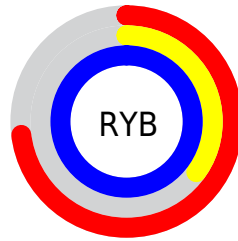
The Hex color **B959FE** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **9EFE59**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F590FF**, and **7F1DC4** is the 20% darker color. If you saturate the color by 10%, you get **AE40FE**, and if you desaturate by 10%, it is **C472FE**.

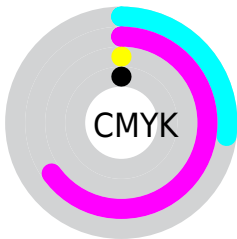
# Distribution



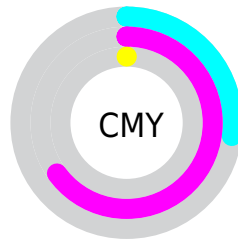
- Red (73%)
- Green (35%)
- Blue (100%)



- Red (73%)
- Yellow (35%)
- Blue (100%)



- Cyan (27%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (65%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B959FE 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 B959FE by changing the saturation by 10% instead.



 B959FE

 B959FE

FFFFFF

 9C3DE1

 F590FF

 7F1DC4

 FFACFF

 6100A8

 FFC9FF

 44008D

 FFE6FF

 220073

 000059

 000041

 00032A

 000114

 B959FE

 B959FE

 AE40FE

 C472FE

 A426FE

 CE8CFE

 990DFE

 D9A5FE

 9400FE

 E3BFFE

 EED8FE

 F9F1FE

FFFFFFE

# Harmonies

## Analogous

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



0086FF



B959FE



FF00B5

# Triad

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



B959FE



C77500



00A9AF

# Complementary

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



B959FE



9EFE59

# 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.



00A759



B959FE



819100

# Square

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



B959FE



FA440B



00A000



00A8FB

# Rectangle

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



B959FE



FF007F



00A000



00A993



# Sweetspot

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



B959FE



EBCFFF



59A1FE



736280



000000



808080



# Same Dimension

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



B959FE



AC38FF



FE59F3



7A7380



6F00BF



250040



# Inverse Universe

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



FE599E



FF388B



59FE64



807378



BF0050

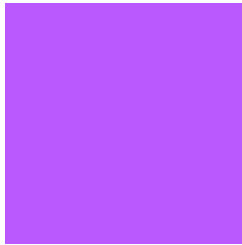


40001B



# Previews

## White Background



This preview shows how the Hex color B959FE looks on a white background.

## Color Contrast Check

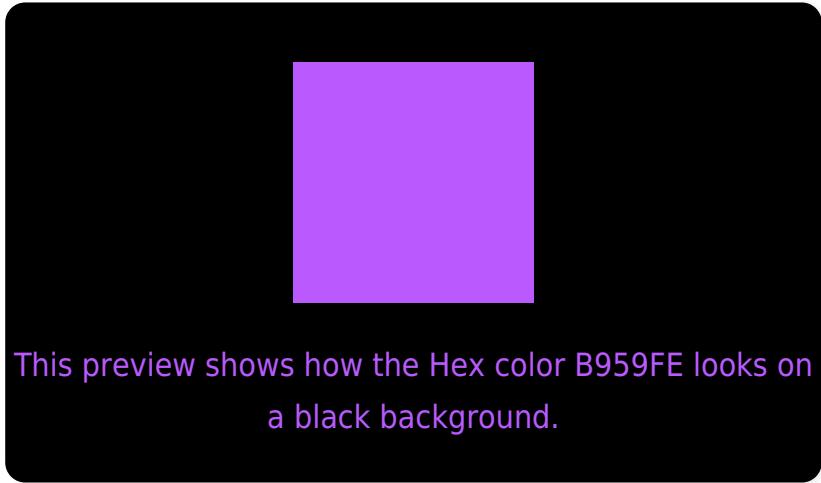
Large Text (above 18pt) WCAG AA ✓ Pass

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

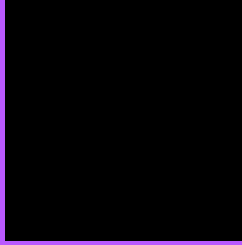
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B959FE Background



This preview shows how black text looks on a background with the Hex color B959FE.

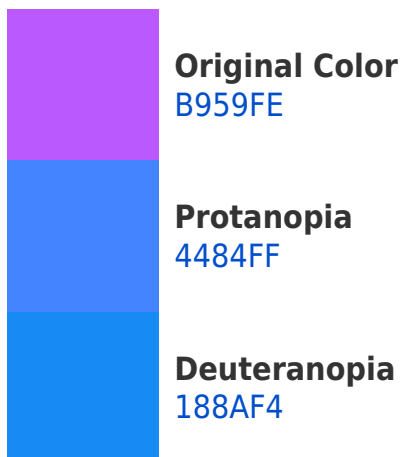


This preview shows how white text looks on a background with the Hex color B959FE.

# 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](#).

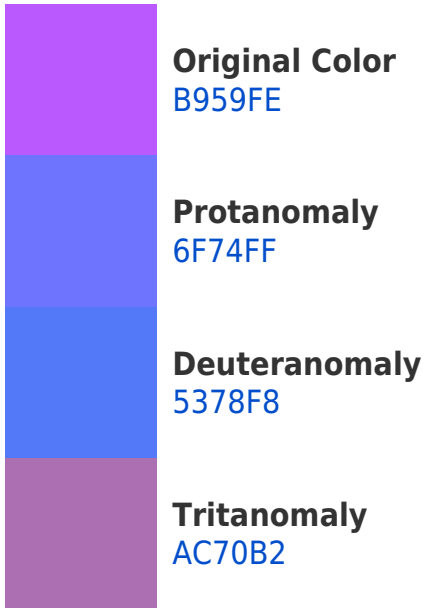
## Dichromacy



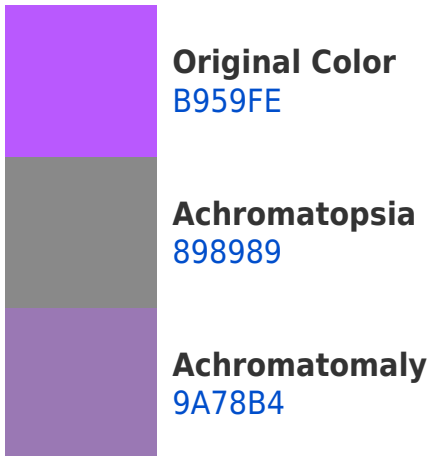


**Tritanopia**  
A47D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B959FE 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 #B959FE looks like.

```
.text, #text, p{  
    color:#B959FE  
}
```

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 #B959FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B959FE
}
```

## Border

The CSS property to change the border of an element to Hex B959FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

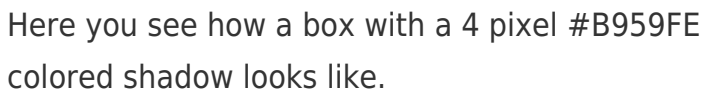
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B959FE }
```

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

```
.border{ border-color:#B959FE }
```

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



Here you see how a box with a 4 pixel #B959FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B959FE; -webkit-box-shadow:4px 4px  
4px 4px #B959FE; box-shadow:4px 4px 4px  
4px #B959FE }
```

# Background

The CSS property to change the background color of an element to Hex B959FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B959FE }
```

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

```
.background{ background-color:#B959FE }
```

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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