

# Converting Colors

Hex(B459F8)

Have a look what the booklet for  
Hex(B459F8) contains.

<b>Hex(B459F8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B459F8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B459F8
RGB	180, 89, 248
RGB Percent	71%, 35%, 97%
CMY	0.2941, 0.6510, 0.0275
CMYK	0.27, 0.64, 0.00, 0.03
HSL	274°, 92%, 66%
HSV	274°, 64%, 97%
XYZ	39.3380, 23.6254, 91.2937
YIQ	134.3350, 3.1970, 68.7410

# Conversions

## Conversions Part 2

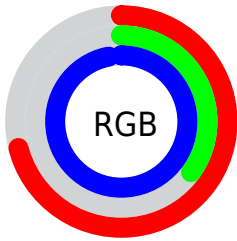
Format	Color
R <sub>Y</sub> B	180, 89, 248
Decimal	11819512
CIE Lab	55.71, 63.52, -64.95
CIE LCh	56, 90.848, 314.360
Yxy	23.6254, 0.2550, 0.1532
Android (android.graphics.Color)	4290009592 (0xFFB459F8)
YUV	134.3350, 56.0368, 40.0482
Hunter-Lab	48.6059, 59.4043, -77.3369

# Details

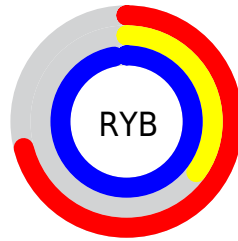
The Hex color **B459F8** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **9DF859**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **EF90FF**, and **7A1FBF** is the 20% darker color. If you saturate the color by 10%, you get **A940F8**, and if you desaturate by 10%, it is **BF72F8**.

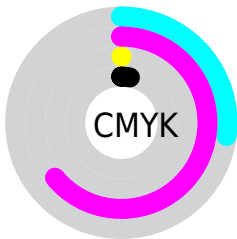
# Distribution



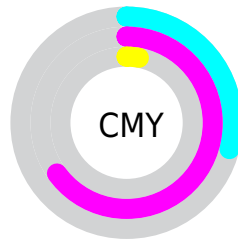
- Red (71%)
- Green (35%)
- Blue (97%)



- Red (71%)
- Yellow (35%)
- Blue (97%)



- Cyan (27%)
- Magenta (64%)
- Yellow (0%)
- Black (3%)



- Cyan (29%)
- Magenta (65%)
- Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the Hex color B459F8 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 B459F8 by changing the saturation by 10% instead.



 B459F8

 B459F8

FFFFFF

 973DDB

 EF90FF

 7A1FBF

 FFACFF

 5D00A3

 FFC8FF

 3F0088

 FFE5FF

 1E006E

 000054

 00043C

 000225

 00010E

 B459F8

 B459F8

 A940F8

 BF72F8

 9F27F8

 C98BF8

 940FF8

 D4A3F8

 8E00F8

 DEBCF8

 E9D5F8

 F4EEF8

 FEFFF8

 FFFFF8

# Harmonies

## Analogous

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



0083FF



B459F8



FA07B2

# Triad

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



B459F8



C37300



00A6AB

# Complementary

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



B459F8



9DF859

# 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.



00A358



B459F8



7F8E00

# Square

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



B459F8



F54510



009D00



00A4F4

# Rectangle

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



B459F8



FF007E



009D00



00A68F



# Sweetspot

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



B459F8



EACFFF



599EF8



736280



000000



808080



# Same Dimension

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



B459F8



AB3BFF



F859ED



78707D



6C00BD



23003D



# Inverse Universe

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



F8599D



FF3B8F



59F864



7D7076



BD0051

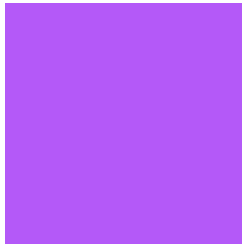


3D001A



# Previews

## White Background



This preview shows how the Hex color B459F8 looks on a white background.

## Color Contrast Check

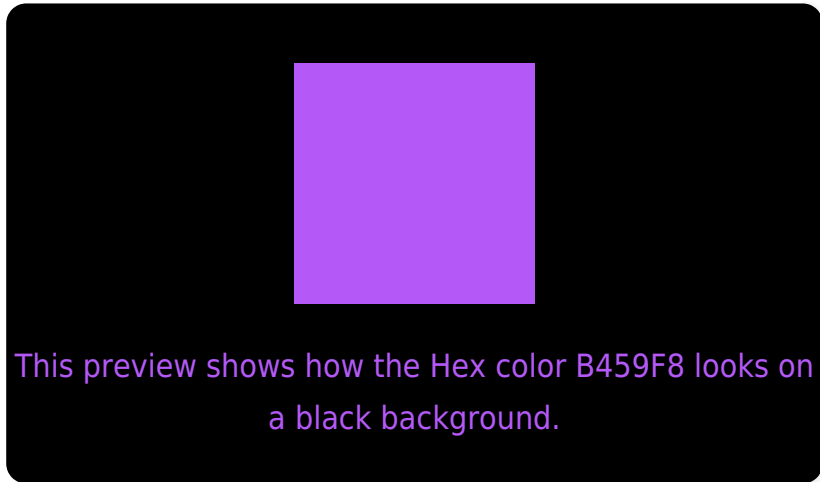
Large Text (above 18pt) WCAG AA ✓ Pass

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

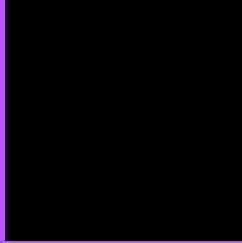
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B459F8 Background



This preview shows how black text looks on a background with the Hex color B459F8.



This preview shows how white text looks on a background with the Hex color B459F8.

# 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](#).

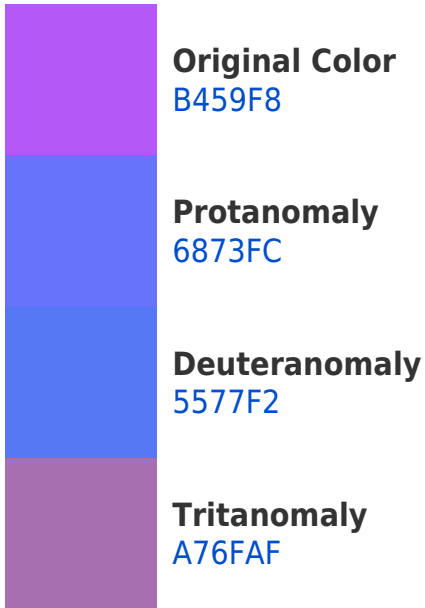
## Dichromacy





**Tritanopia**  
A07B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B459F8 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 #B459F8 looks like.

```
.text, #text, p{  
    color:#B459F8  
}
```

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 #B459F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B459F8
}
```

## Border

The CSS property to change the border of an element to Hex B459F8 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".

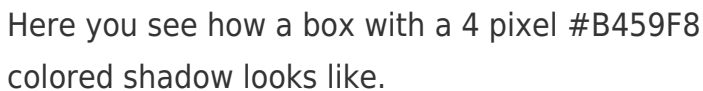
```
.border, #border, table{ border:4px solid
#B459F8 }
```

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

```
.border{ border-color:#B459F8 }
```

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

Here you see how a box with a 4 pixel #B459F8 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 purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B459F8; -webkit-box-shadow:4px 4px  
4px 4px #B459F8; box-shadow:4px 4px 4px  
4px #B459F8 }
```

# Background

The CSS property to change the background color of an element to Hex B459F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B459F8 }
```

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

```
.background{ background-color:#B459F8 }
```

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