

# Converting Colors

Hex(B399E4)

Have a look what the booklet for  
Hex(B399E4) contains.

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# Color

**Hex(B399E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B399E4
RGB	179, 153, 228
RGB Percent	70%, 60%, 89%
CMY	0.2980, 0.4000, 0.1059
CMYK	0.21, 0.33, 0.00, 0.11
HSL	261°, 58%, 75%
HSV	261°, 33%, 89%
XYZ	43.9852, 37.9676, 78.4090
YIQ	169.3240, -8.5790, 28.8370

# Conversions

## Conversions Part 2

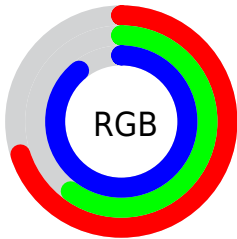
Format	Color
R <sub>Y</sub> B	179, 153, 228
Decimal	11770340
CIE Lab	68.00, 24.69, -34.44
CIE LCh	68, 42.380, 305.635
Yxy	37.9676, 0.2743, 0.2368
Android (android.graphics.Color)	4289960420 (0xFFB399E4)
YUV	169.3240, 28.9273, 8.4859
Hunter-Lab	61.6179, 19.5890, -32.3143

# Details

The Hex color **B399E4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CAE499**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ECD0FF**, and **7D66AC** is the 20% darker color. If you saturate the color by 10%, you get **A482E4**, and if you desaturate by 10%, it is **C2B0E4**.

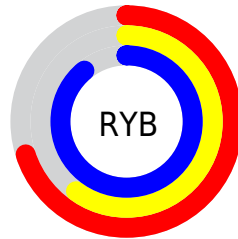
# Distribution



Red (70%)

Green (60%)

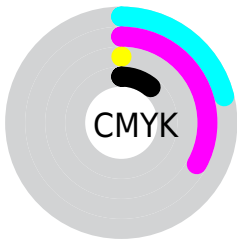
Blue (89%)



Red (70%)

Yellow (60%)

Blue (89%)

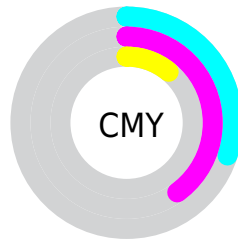


Cyan (21%)

Magenta (33%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (40%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B399E4 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 B399E4 by changing the saturation by 10% instead.



 B399E4

 B399E4

FFFFFF

 987FC8

 ECD0FF

 7D66AC

 FFECFF

 634E91

 4A3677

 31205E

 170C46

 000030

 00011A

 000000

 B399E4

 B399E4

 A482E4

 C2B0E4

 956BE4

 D1C7E4

 8655E4

 E0DDE4

 773EE4

 EFF4E4

 6927E4

 FDFFE4

 5A10E4

 FFFFE4

 4F00E4

# Harmonies

## Analogous

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



77A7F2



B399E4



DB8CC6

# Triad

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



B399E4



D79860



00BAAC

# Complementary

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



B399E4



CAE499

# 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.



5DB785



B399E4



B7A658

# Square

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



B399E4



EB8C7B



8EB166



00B8D1

# Rectangle

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



B399E4



EA87AD



8EB166



30B99F



# Sweetspot

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



B399E4



EEE6FF



99CBE4



767080



000000



808080



# Same Dimension

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



B399E4



BE9CFF



D899E4



6B6773



3E00B3



120033



# Inverse Universe

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



E499CA



FF9CDD



A5E499



73676F



B30075

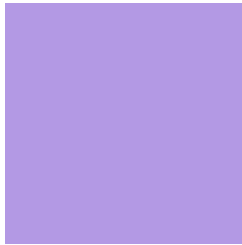


330021



# Previews

## White Background



This preview shows how the Hex color B399E4 looks on a white background.

## Color Contrast Check

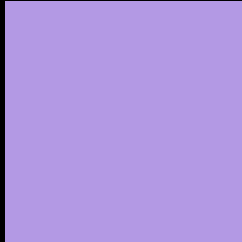
Large Text (above 18pt) WCAG AA × Fail

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 B399E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

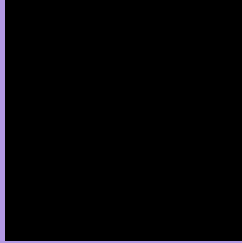
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B399E4 Background



This preview shows how black text looks on a background with the Hex color B399E4.

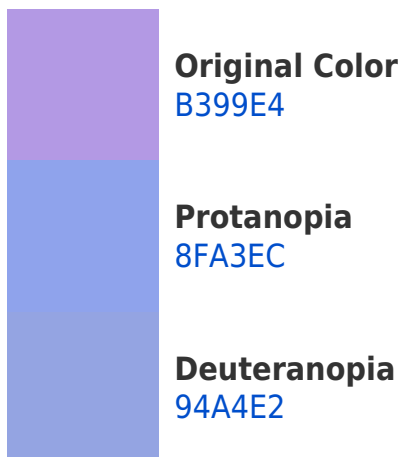


This preview shows how white text looks on a background with the Hex color B399E4.

# 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**  
AAA3B0

# Trichromacy



**Original Color**  
B399E4

**Protanomaly**  
9C9FE9

**Deuteranomaly**  
9FA0E3

**Tritanomaly**  
AD9FC3

# Monochromacy



**Original Color**  
B399E4

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
ADA3BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B399E4 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 #B399E4 looks like.

```
.text, #text, p{  
    color:#B399E4  
}
```

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 #B399E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B399E4
}
```

## Border

The CSS property to change the border of an element to Hex B399E4 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
#B399E4 }
```

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

```
.border{ border-color:#B399E4 }
```

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

Here you see how a box with a 4 pixel #B399E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B399E4; -webkit-box-shadow:4px 4px  
4px 4px #B399E4; box-shadow:4px 4px 4px  
4px #B399E4 }
```

# Background

The CSS property to change the background color of an element to Hex B399E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B399E4 }
```

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

```
.background{ background-color:#B399E4 }
```

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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