

# Converting Colors

Hex(B394E2)

Have a look what the booklet for  
Hex(B394E2) contains.

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# Color

Hex(B394E2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B394E2
RGB	179, 148, 226
RGB Percent	70%, 58%, 89%
CMY	0.2980, 0.4196, 0.1137
CMYK	0.21, 0.35, 0.00, 0.11
HSL	264°, 57%, 73%
HSV	264°, 35%, 89%
XYZ	42.9078, 36.2545, 76.6878
YIQ	166.1610, -6.5620, 30.8300

# Conversions

## Conversions Part 2

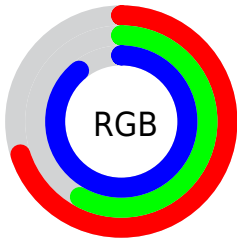
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 148, 226
Decimal	11769058
CIE <sub>Lab</sub>	66.71, 27.04, -35.33
CIE <sub>LCh</sub>	67, 44.492, 307.422
Yxy	36.2545, 0.2753, 0.2326
Android (android.graphics.Color)	4289959138 (0xFFB394E2)
YUV	166.1610, 29.5006, 11.2598
Hunter-Lab	60.2117, 21.8313, -33.3657

# Details

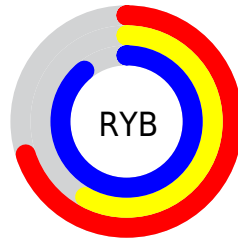
The Hex color **B394E2** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C3E294**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **ECCAFF**, and **7D61AA** is the 20% darker color. If you saturate the color by 10%, you get **A57DE2**, and if you desaturate by 10%, it is **C1ABE2**.

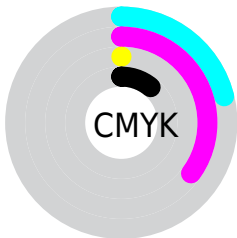
# Distribution



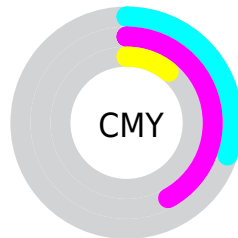
- Red (70%)
- Green (58%)
- Blue (89%)



- Red (70%)
- Yellow (58%)
- Blue (89%)



- Cyan (21%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (30%)
- Magenta (42%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B394E2 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 B394E2 by changing the saturation by 10% instead.



 B394E2

 B394E2

FFFFFF

 987AC6

 ECCAFF

 7D61AA

 FFE7FF

 634990

 493276

 301C5D

 170645

 00002E

 000118

 000000

 B394E2

 B394E2

 A57DE2

 C1ABE2

 9867E2

 CEC1E2

 8A50E2

 DCD8E2

 7D3AE2

 E9EEE2

 6F23E2

 F7FFE2

 610CE2

 FFFFE2

 5A00E2

# Harmonies

## Analogous

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



73A3F1



B394E2



DC86C2

# Triad

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



B394E2



D49558



00B7AB

# Complementary

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



B394E2



C3E294

# 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.



51B582



B394E2



B1A351

# Square

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



B394E2



EA8874



86AE61



00B5D2

# Rectangle

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



B394E2



EA82A7



86AE61



0AB79D



# Sweetspot

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



B394E2



F0E6FF



94C4E2



767080



000000



808080



# Same Dimension

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



B394E2



C096FF



D994E2



696570



4600B0



130030



# Inverse Universe

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



E294C3



FF96D5



9DE294



70656C



B0006A

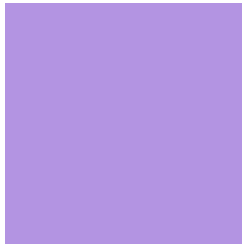


30001D



# Previews

## White Background



This preview shows how the Hex color B394E2 looks on a white background.

## Color Contrast Check

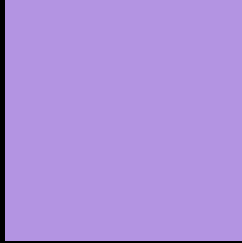
Large Text (above 18pt) WCAG AA × Fail

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 B394E2 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 B394E2 Background



This preview shows how black text looks on a background with the Hex color B394E2.

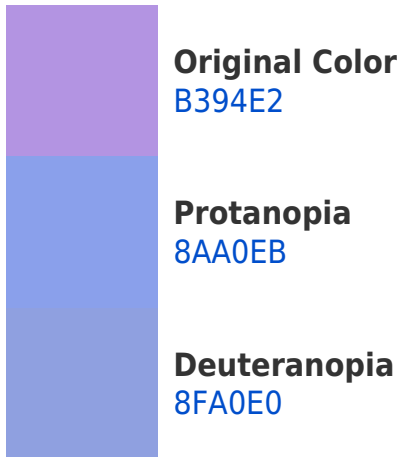


This preview shows how white text looks on a background with the Hex color B394E2.

# Color Blindness Simulation

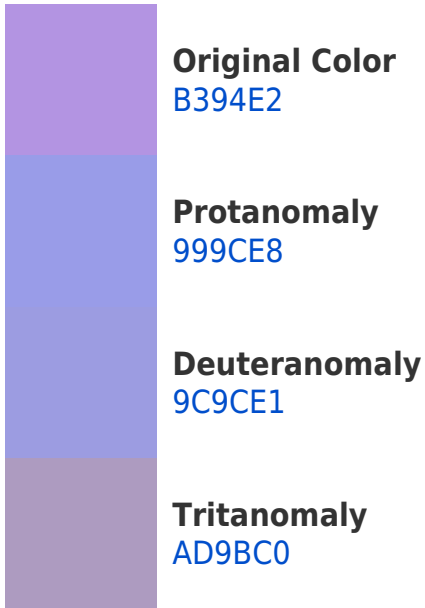
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

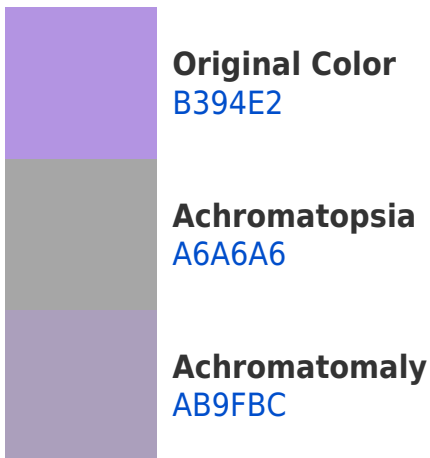




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B394E2 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 #B394E2 looks like.

```
.text, #text, p{  
    color:#B394E2  
}
```

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 #B394E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B394E2
}
```

## Border

The CSS property to change the border of an element to Hex B394E2 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
#B394E2 }
```

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

```
.border{ border-color:#B394E2 }
```

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

Here you see how a box with a 4 pixel #B394E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B394E2; -webkit-box-shadow:4px 4px  
4px 4px #B394E2; box-shadow:4px 4px 4px  
4px #B394E2 }
```

# Background

The CSS property to change the background color of an element to Hex B394E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B394E2 }
```

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

```
.background{ background-color:#B394E2 }
```

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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