

# Converting Colors

Hex(8B9BE3)

Have a look what the booklet for  
Hex(8B9BE3) contains.

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# **Color**

**Hex(8B9BE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B9BE3
RGB	139, 155, 227
RGB Percent	55%, 61%, 89%
CMY	0.4549, 0.3922, 0.1098
CMYK	0.39, 0.32, 0.00, 0.11
HSL	229°, 61%, 72%
HSV	229°, 39%, 89%
XYZ	36.2339, 34.4777, 77.4182
YIQ	158.4240, -32.6480, 19.0000

# Conversions

## Conversions Part 2

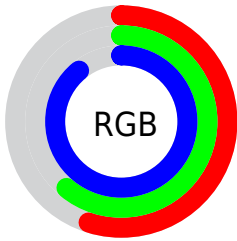
Format	Color
<a href="#">RYB</a>	<a href="#">139, 153, 227</a>
Decimal	<a href="#">9149411</a>
CIELab	<a href="#">65.34, 11.94, -38.27</a>
CIElCh	<a href="#">65, 40.087, 287.332</a>
Yxy	<a href="#">34.4777, 0.2446, 0.2328</a>
Android (android.graphics.Color)	<a href="#">4287339491</a> ( <a href="#">0xFF8B9BE3</a> )
YUV	<a href="#">158.4240, 33.8080, -17.0348</a>
Hunter-Lab	<a href="#">58.7177, 7.3940, -37.0703</a>

# Details

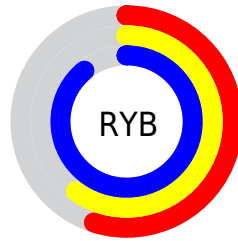
The Hex color **8B9BE3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E3D38B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C3D1FF**, and **5568AB** is the 20% darker color. If you saturate the color by 10%, you get **7488E3**, and if you desaturate by 10%, it is **A2AEE3**.

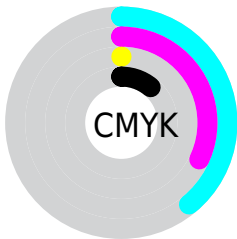
# Distribution



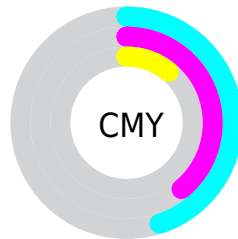
- Red (55%)
- Green (61%)
- Blue (89%)



- Red (55%)
- Yellow (60%)
- Blue (89%)



- Cyan (39%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (45%)
- Magenta (39%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B9BE3 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 8B9BE3 by changing the saturation by 10% instead.



■ 8B9BE3

■ 8B9BE3

FFFFFF

■ 7081C7

■ C3D1FF

■ 5568AB

■ E0EEFF

■ 395090

FDFFFF

■ 1A3A76

■ 00245D

■ 001045

■ 00042E

■ 000119

■ 000000

■ 8B9BE3

■ 8B9BE3

■ 7488E3

■ A2AEE3

■ 5E76E3

■ B8C0E3

■ 4763E3

■ CFD3E3

■ 3051E3

■ E6E5E3

■ 1A3EE3

■ FCF8E3

■ 032CE3

■ FFFFE3

■ 0029E3

# Harmonies

## Analogous

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



47A7E4



8B9BE3



BC8ED0

# Triad

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



8B9BE3



DB8B6B



46B08E

# Complementary

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



8B9BE3



E3D38B

# 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.



78AC6D



8B9BE3



C39758

# Square

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



8B9BE3



E4838B



A1A358



00B1B3

# Rectangle

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



8B9BE3



D386BB



A1A358



58AF82



# Sweetspot

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



8B9BE3



E0E6FF



8BE3D3



6E7180



000000



808080



# Same Dimension

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



8B9BE3



879DFF



A78BE3



676973



0020B3



000933



# Inverse Universe

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



E38B9B



FF879D



C7E38B



736769



B30020

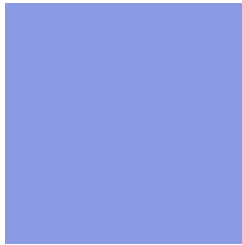


330009



# Previews

## White Background



This preview shows how the Hex color 8B9BE3 looks on a white background.

## Color Contrast Check

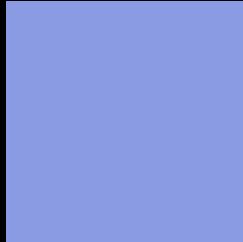
Large Text (above 18pt) WCAG AA × Fail

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 8B9BE3 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 8B9BE3 Background



This preview shows how black text looks on a background with the Hex color 8B9BE3.



This preview shows how white text looks on a background with the Hex color 8B9BE3.

# 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



**Original Color**  
8B9BE3

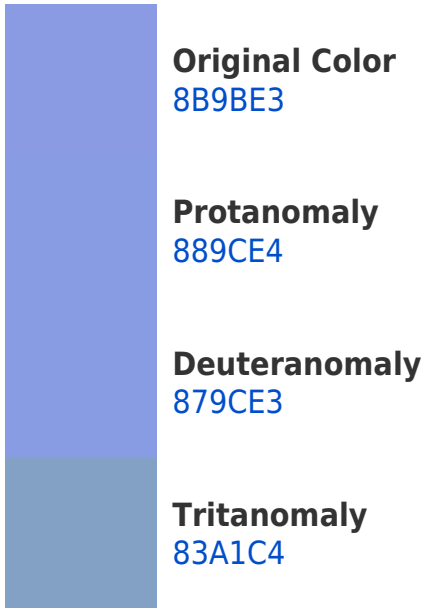
**Protanopia**  
879CE4

**Deuteranopia**  
849DE3



**Tritanopia**  
7FA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B9BE3 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 #8B9BE3 looks like.

```
.text, #text, p{  
    color:#8B9BE3  
}
```

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 #8B9BE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B9BE3
}
```

## Border

The CSS property to change the border of an element to Hex 8B9BE3 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
#8B9BE3 }
```

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

```
.border{ border-color:#8B9BE3 }
```

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

Here you see how a box with a 4 pixel #8B9BE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B9BE3; -webkit-box-shadow:4px 4px  
4px 4px #8B9BE3; box-shadow:4px 4px 4px  
4px #8B9BE3 }
```

# Background

The CSS property to change the background color of an element to Hex 8B9BE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B9BE3 }
```

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

```
.background{ background-color:#8B9BE3 }
```

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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