

# Converting Colors

Hex(8B93EA)

Have a look what the booklet for  
Hex(8B93EA) contains.

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# **Color**

**Hex(8B93EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B93EA
RGB	139, 147, 234
RGB Percent	55%, 58%, 92%
CMY	0.4549, 0.4235, 0.0824
CMYK	0.41, 0.37, 0.00, 0.08
HSL	235°, 69%, 73%
HSV	235°, 41%, 92%
XYZ	35.9325, 32.2969, 82.1820
YIQ	154.5260, -32.6950, 25.3610

# Conversions

## Conversions Part 2

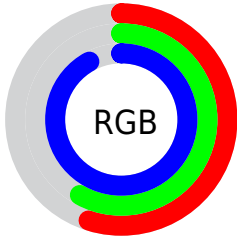
Format	Color
R <sub>Y</sub> B	139, 146, 234
Decimal	9147370
CIE Lab	63.59, 18.49, -44.88
CIE LCh	64, 48.536, 292.390
Yxy	32.2969, 0.2389, 0.2147
Android (android.graphics.Color)	4287337450 (0xFF8B93EA)
YUV	154.5260, 39.1807, -13.6163
Hunter-Lab	56.8304, 13.4080, -45.9576

# Details

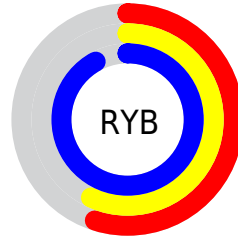
The Hex color **8B93EA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EAE28B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C4C9FF**, and **5461B2** is the 20% darker color. If you saturate the color by 10%, you get **747EEA**, and if you desaturate by 10%, it is **A2A8EA**.

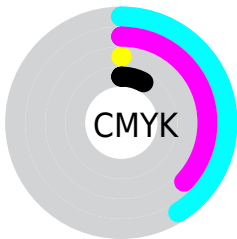
# Distribution



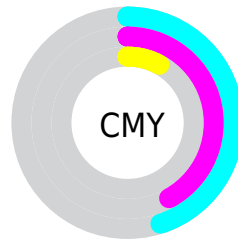
- Red (55%)
- Green (58%)
- Blue (92%)



- Red (55%)
- Yellow (57%)
- Blue (92%)



- Cyan (41%)
- Magenta (37%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (42%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B93EA 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 8B93EA by changing the saturation by 10% instead.





8B93EA



8B93EA

FFFFFF



6F79CE



C4C9FF



5461B2



E1E5FF



374997

FEFFFF



15337C



001E63



00074B



000433



00021D



000000

■ 8B93EA

■ 8B93EA

■ 747EEA

■ A2A8EA

■ 5C68EA

■ BABEEA

■ 4553EA

■ D1D3EA

■ 2D3DEA

■ E9E9EA

■ 1628EA

■ FFFEEA

■ 0014EA

■ FFFFEA

# Harmonies

## Analogous

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



1CA2EF



8B93EA



C582CF

# Triad

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



8B93EA



DC8457



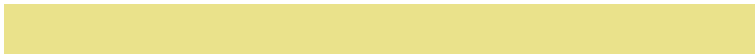
00AF8D

# Complementary

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



8B93EA



EAE28B

# 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.



5FAB63



8B93EA



BD9442

# Square

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



8B93EA



EB777B



93A146



00B0BA

# Rectangle

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



8B93EA



DD79B5



93A146



2AAE7E



# Sweetspot

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



8B93EA



E0E3FF



8BEAE0



6E6F80



000000



808080



# Same Dimension

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



8B93EA



828DFF



B18BEA



6A6B75



000FB5



000536



# Inverse Universe

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



EA8B93



FF828D



C4EA8B



756A6B



B5000F

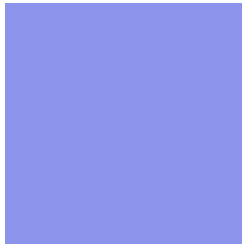


360005



# Previews

## White Background



This preview shows how the Hex color 8B93EA looks on a white background.

## Color Contrast Check

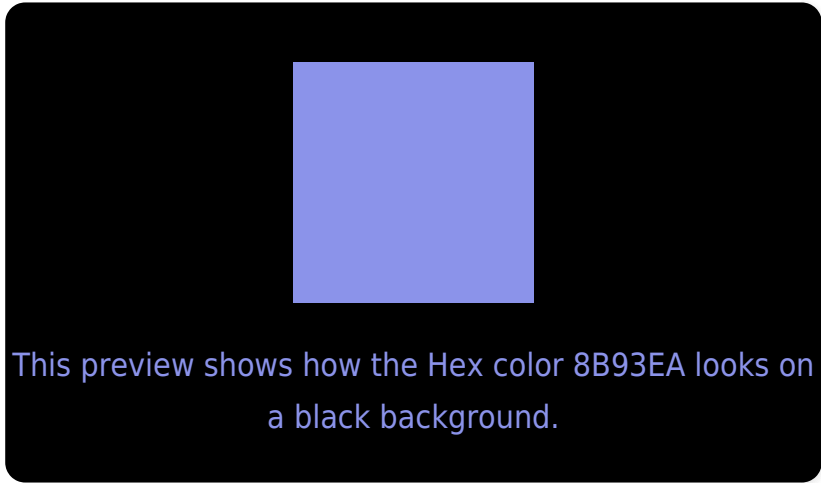
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 8B93EA Background



This preview shows how black text looks on a background with the Hex color 8B93EA.

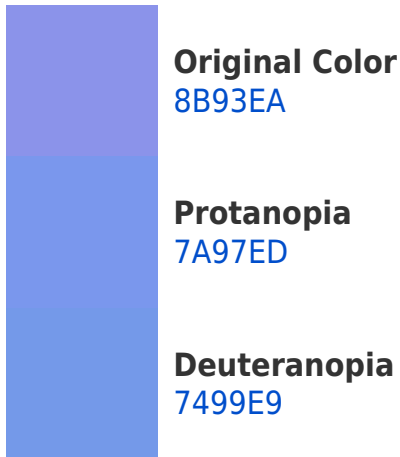


This preview shows how white text looks on a background with the Hex color 8B93EA.

# 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](#).

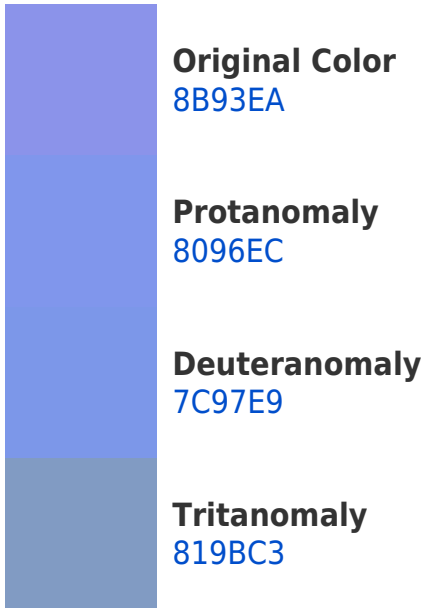
## Dichromacy





**Tritanopia**  
7CA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B93EA 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 #8B93EA looks like.

```
.text, #text, p{  
    color:#8B93EA  
}
```

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 #8B93EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B93EA
}
```

## Border

The CSS property to change the border of an element to Hex 8B93EA 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
#8B93EA }
```

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

```
.border{ border-color:#8B93EA }
```

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

Here you see how a box with a 4 pixel #8B93EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B93EA; -webkit-box-shadow:4px 4px  
4px 4px #8B93EA; box-shadow:4px 4px 4px  
4px #8B93EA }
```

# Background

The CSS property to change the background color of an element to Hex 8B93EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B93EA }
```

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

```
.background{ background-color:#8B93EA }
```

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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