

# Converting Colors

Hex(8FA9E6)

Have a look what the booklet for  
Hex(8FA9E6) contains.

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# **Color**

**Hex(8FA9E6)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8FA9E6                      |
| RGB         | 143, 169, 230               |
| RGB Percent | 56%, 66%, 90%               |
| CMY         | 0.4392, 0.3373, 0.0980      |
| CMYK        | 0.38, 0.27, 0.00, 0.10      |
| HSL         | 222°, 64%, 73%              |
| HSV         | 222°, 38%, 90%              |
| XYZ         | 39.7986, 39.9287, 80.4723   |
| YIQ         | 168.1800, -35.0770, 13.4590 |

# Conversions

## Conversions Part 2

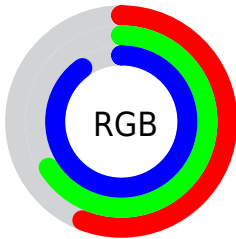
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">143, 163, 230</a>                   |
| Decimal                             | <a href="#">9415142</a>                         |
| CIELab                              | <a href="#">69.42, 5.88, -33.55</a>             |
| CIELCh                              | <a href="#">69, 34.063, 279.941</a>             |
| Yxy                                 | <a href="#">39.9287, 0.2484,<br/>0.2492</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4287605222<br/>(0xFF8FA9E6)</a>     |
| YUV                                 | <a href="#">168.1800, 30.4773,<br/>-22.0829</a> |
| Hunter-Lab                          | <a href="#">63.1892, 1.8439,<br/>-31.2742</a>   |

# Details

The Hex color **8FA9E6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E6CC8F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C7E0FF**, and **5975AE** is the 20% darker color. If you saturate the color by 10%, you get **7899E6**, and if you desaturate by 10%, it is **A6B9E6**.

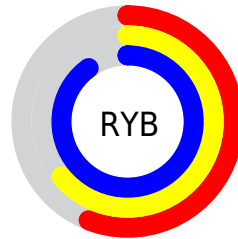
# Distribution



Red (56%)

Green (66%)

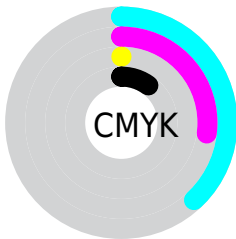
Blue (90%)



Red (56%)

Yellow (64%)

Blue (90%)

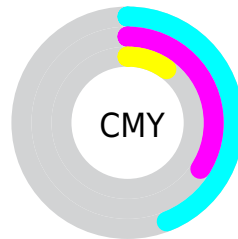


Cyan (38%)

Magenta (27%)

Yellow (0%)

Black (10%)



Cyan (44%)

Magenta (34%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FA9E6 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 8FA9E6 by changing the saturation by 10% instead.



8FA9E6

8FA9E6

FFFFFF

748FCA

C7E0FF

5975AE

E4FDFF

3E5D93

204579

002F60

001B48

000132

00011C

000000

 8FA9E6

 8FA9E6

 7899E6

 A6B9E6

 6189E6

 BDC9E6

 4A79E6

 D4D9E6

 3368E6

 EBFAE6

 1C58E6

 FFFAE6

 0548E6

 FFFF66

 0045E6

# Harmonies

## Analogous

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



5EB2E3



8FA9E6



BB9ED9

# Triad

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



8FA9E6



E29783



6DB993

# Complementary

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



8FA9E6



E6CC8F

# 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.



92B379



8FA9E6



D0A070

# Square

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



8FA9E6



E692A0



B4AB6C



49BAB3

# Rectangle

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



8FA9E6



D197C9



B4AB6C



7AB78A



# Sweetspot

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



8FA9E6



E3EBFF



8FE6CC



6F7480



000000



808080



# Same Dimension

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



8FA9E6



8CAFFF



A08FE6



676B73



0035B3



000F33



# Inverse Universe

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



E68FA9



FF8CAF



D5E68F



73676B



B30035

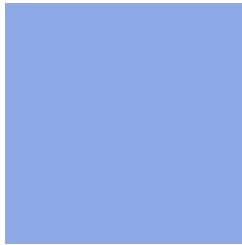


33000F



# Previews

## White Background



This preview shows how the Hex color 8FA9E6 looks on a white background.

## Color Contrast Check

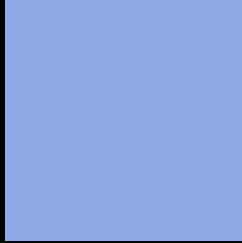
Large Text (above 18pt) WCAG AA × Fail

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 8FA9E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

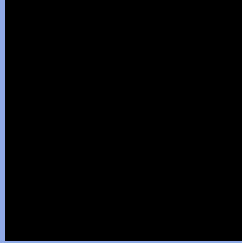
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8FA9E6 Background



This preview shows how black text looks on a background with the Hex color 8FA9E6.



This preview shows how white text looks on a background with the Hex color 8FA9E6.

# 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**  
8FA9E6

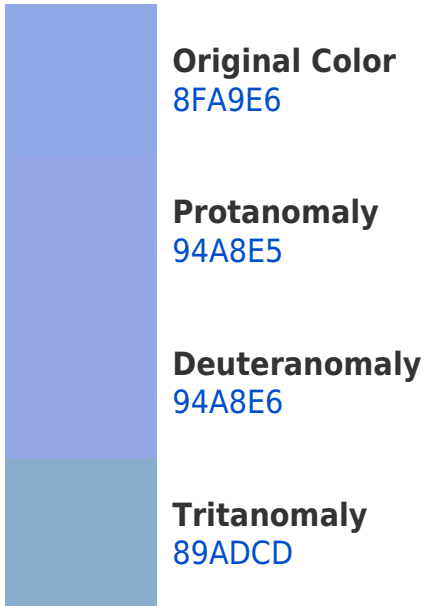
**Protanopia**  
97A7E4

**Deuteranopia**  
97A7E6

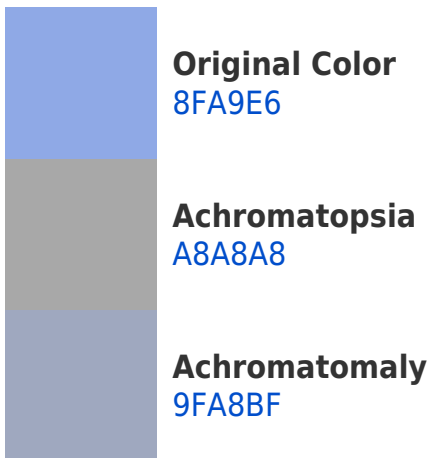


**Tritanopia**  
85B0BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FA9E6 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 #8FA9E6 looks like.

```
.text, #text, p{  
    color:#8FA9E6  
}
```

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 #8FA9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FA9E6  
}
```

## Border

The CSS property to change the border of an element to Hex 8FA9E6 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  
#8FA9E6 }
```

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

```
.border{ border-color:#8FA9E6 }
```

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

Here you see how a box with a 4 pixel #8FA9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FA9E6; -webkit-box-shadow:4px 4px  
4px 4px #8FA9E6; box-shadow:4px 4px 4px  
4px #8FA9E6 }
```

# Background

The CSS property to change the background color of an element to Hex 8FA9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FA9E6 }
```

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

```
.background{ background-color:#8FA9E6 }
```

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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