

# Converting Colors

Hex(8895E9)

Have a look what the booklet for  
Hex(8895E9) contains.

<b>Hex(8895E9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8895E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8895E9
RGB	136, 149, 233
RGB Percent	53%, 58%, 91%
CMY	0.4667, 0.4157, 0.0863
CMYK	0.42, 0.36, 0.00, 0.09
HSL	232°, 69%, 72%
HSV	232°, 42%, 91%
XYZ	35.6088, 32.6123, 81.5088
YIQ	154.6890, -34.7120, 23.3680

# Conversions

## Conversions Part 2

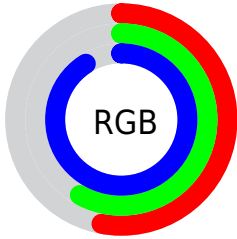
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 147, 233
Decimal	8951273
CIE Lab	63.85, 16.29, -43.93
CIE LCh	64, 46.854, 290.339
Yxy	32.6123, 0.2378, 0.2178
Android (android.graphics.Color)	4287141353 (0xFF8895E9)
YUV	154.6890, 38.6073, -16.3903
Hunter-Lab	57.1072, 11.3647, -44.6493

# Details

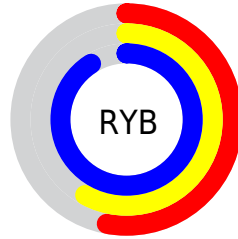
The Hex color **8895E9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E9DC88**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C1CBFF**, and **5063B1** is the 20% darker color. If you saturate the color by 10%, you get **7181E9**, and if you desaturate by 10%, it is **9FA9E9**.

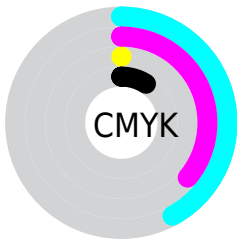
# Distribution



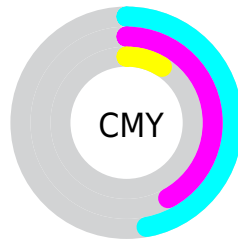
- Red (53%)
- Green (58%)
- Blue (91%)



- Red (53%)
- Yellow (58%)
- Blue (91%)



- Cyan (42%)
- Magenta (36%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (42%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8895E9 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 8895E9 by changing the saturation by 10% instead.



 8895E9

 8895E9

FFFFFF

 6C7BCD

 C1CBFF

 5063B1

 DEE7FF

 334B96

 FBFFFF

 0E357C

 002062

 000A4A

 000433

 00021D

 000000

■ 8895E9

■ 8895E9

■ 7181E9

■ 9FA9E9

■ 596DE9

■ B7BDE9

■ 4258E9

■ CED2E9

■ 2B44E9

■ E5E6E9

■ 1330E9

■ FDFAE9

■ 001FE9

■ FFFFE9

# Harmonies

## Analogous

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



20A3ED



8895E9



C185D0

# Triad

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



8895E9



DC845C



07AF8B

# Complementary

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



8895E9



E9DC88

# 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.



67AA63



8895E9



BF9446

# Square

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



8895E9



E97980



97A149



00B0B6

# Rectangle

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



8895E9



D97CB8



97A149



39AE7D



# Sweetspot

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



8895E9



E0E5FF



88E9DA



6E7080



000000



808080



# Same Dimension

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



8895E9



8091FF



AA88E9



6A6B75



0018B5



000736



# Inverse Universe

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



E98895



FF8091



C7E988



756A6B



B50018

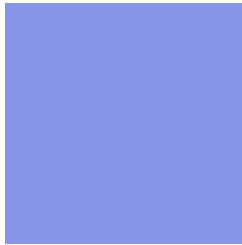


360007



# Previews

## White Background



This preview shows how the Hex color 8895E9 looks on a white background.

## Color Contrast Check

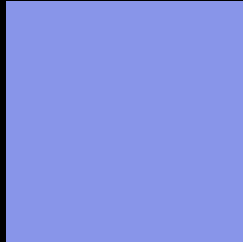
Large Text (above 18pt) WCAG AA × Fail

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 8895E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

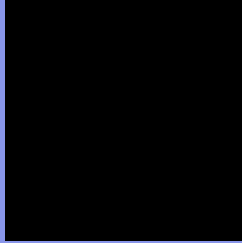
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8895E9 Background



This preview shows how black text looks on a background with the Hex color 8895E9.



This preview shows how white text looks on a background with the Hex color 8895E9.

# 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](#).

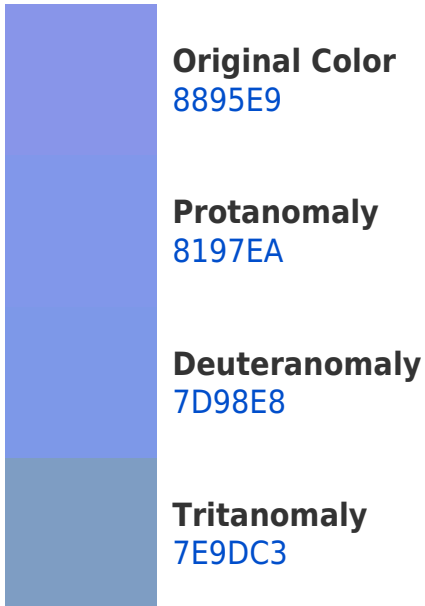
## Dichromacy





**Tritanopia**  
79A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8895E9 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 #8895E9 looks like.

```
.text, #text, p{  
    color:#8895E9  
}
```

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 #8895E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8895E9
}
```

## Border

The CSS property to change the border of an element to Hex 8895E9 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
#8895E9 }
```

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

```
.border{ border-color:#8895E9 }
```

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

Here you see how a box with a 4 pixel #8895E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8895E9; -webkit-box-shadow:4px 4px  
4px 4px #8895E9; box-shadow:4px 4px 4px  
4px #8895E9 }
```

# Background

The CSS property to change the background color of an element to Hex 8895E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8895E9 }
```

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

```
.background{ background-color:#8895E9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor