

# Converting Colors

Hex(8593EC)

Have a look what the booklet for  
Hex(8593EC) contains.

<b>Hex(8593EC)</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(8593EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8593EC
RGB	133, 147, 236
RGB Percent	52%, 58%, 93%
CMY	0.4784, 0.4235, 0.0745
CMYK	0.44, 0.38, 0.00, 0.07
HSL	232°, 73%, 72%
HSV	232°, 44%, 93%
XYZ	35.2469, 31.9101, 83.6584
YIQ	152.9600, -36.9130, 24.7110

# Conversions

## Conversions Part 2

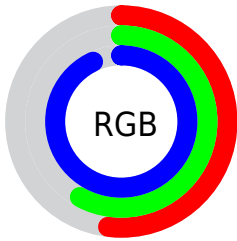
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 145, 236</a>
Decimal	<a href="#">8754156</a>
CIELab	<a href="#">63.27, 17.55, -46.51</a>
CIElCh	<a href="#">63, 49.711, 290.671</a>
Yxy	<a href="#">31.9101, 0.2337, 0.2116</a>
Android (android.graphics.Color)	<a href="#">4286944236 (0xFF8593EC)</a>
YUV	<a href="#">152.9600, 40.9387, -17.5049</a>
Hunter-Lab	<a href="#">56.4890, 12.5211, -48.2642</a>

# Details

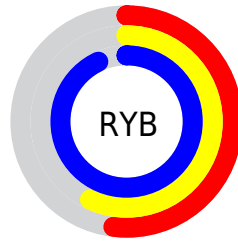
The Hex color **8593EC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **ECDE85**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BEC9FF**, and **4D61B4** is the 20% darker color. If you saturate the color by 10%, you get **6D7FEC**, and if you desaturate by 10%, it is **9DA7EC**.

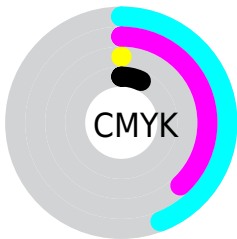
# Distribution



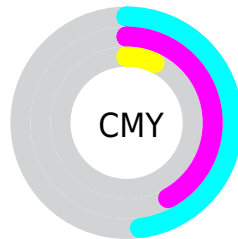
- Red (52%)
- Green (58%)
- Blue (93%)



- Red (52%)
- Yellow (57%)
- Blue (93%)



- Cyan (44%)
- Magenta (38%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (42%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8593EC 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 8593EC by changing the saturation by 10% instead.



 8593EC

 8593EC

FFFFFF

 6979CF

 BEC9FF

 4D61B4

 DBE5FF

 2E4999

 F9FFFF

 00337E

 001F65

 00074C

 000535

 00021E

 000001

■ 8593EC

■ 8593EC

■ 6D7FEC

■ 9DA7EC

■ 566AEC

■ B4BCEC

■ 3E56EC

■ CCD0EC

■ 2741EC

■ E3E5EC

■ 0F2DEC

■ FBF9EC

■ 0020EC

■ FFFFEC

# Harmonies

## Analogous

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



00A2F0



8593EC



C281D2

# Triad

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



8593EC



DD8156



00AF89

# Complementary

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



8593EC



ECDE85

# 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.



60AA5F



8593EC



BE923F

# Square

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



8593EC



EC757C



95A042



00AFB7

# Rectangle

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



8593EC



DB78B7



95A042



29AD7A



# Sweetspot

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



8593EC



DEE2FF



85ECDD



6B6E80



000000



808080



# Same Dimension

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



8593EC



7A8CFF



A985EC



6A6B75



0019B5



000736



# Inverse Universe

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



EC8593



FF7A8C



C8EC85



756A6B



B50019

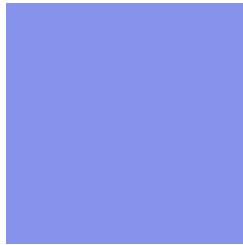


360007



# Previews

## White Background



This preview shows how the Hex color 8593EC looks on a white background.

## Color Contrast Check

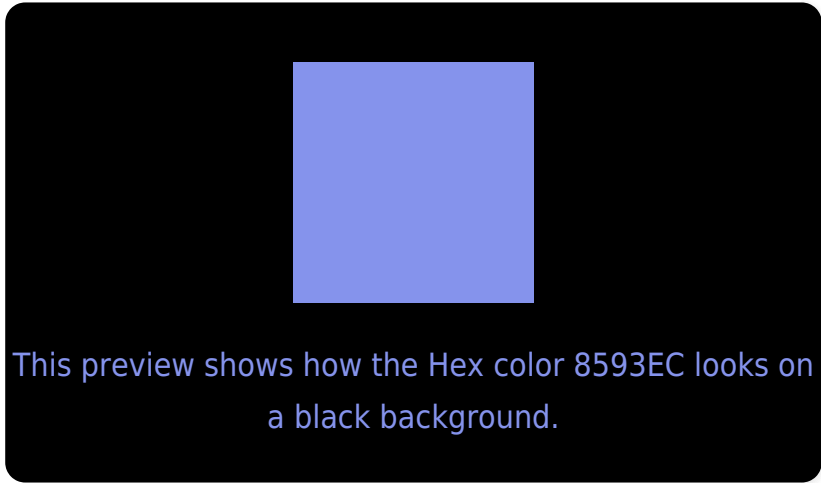
Large Text (above 18pt) WCAG AA × Fail

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

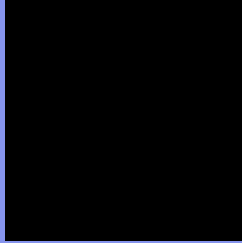
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8593EC Background



This preview shows how black text looks on a background with the Hex color 8593EC.

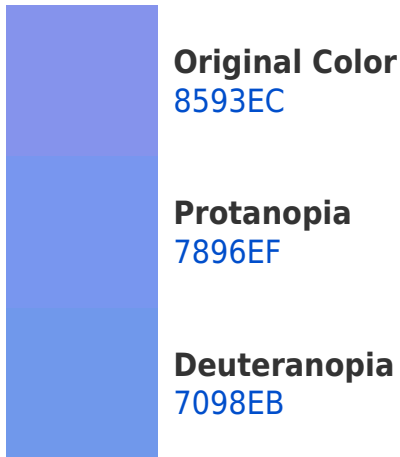


This preview shows how white text looks on a background with the Hex color 8593EC.

# 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](#).

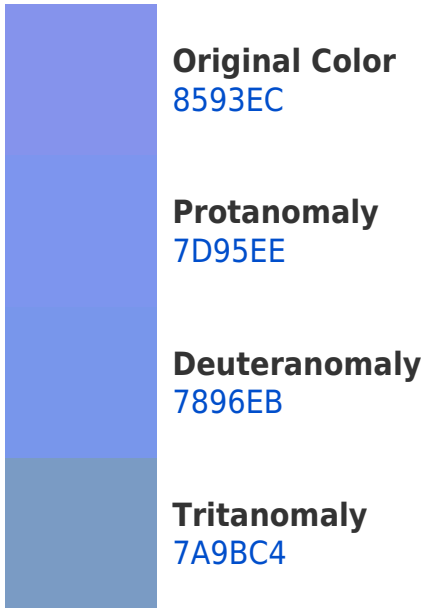
## Dichromacy



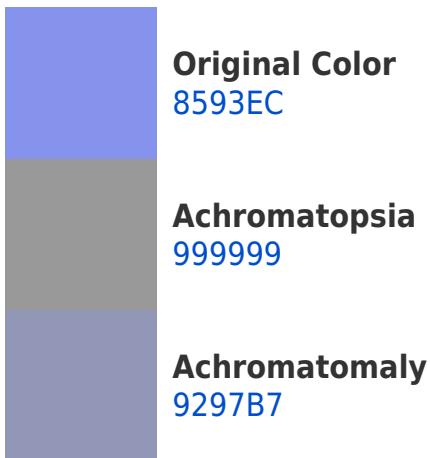


**Tritanopia**  
74A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8593EC 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 #8593EC looks like.

```
.text, #text, p{  
    color:#8593EC  
}
```

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 #8593EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8593EC
}
```

## Border

The CSS property to change the border of an element to Hex 8593EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

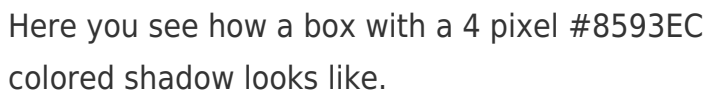
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8593EC }
```

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

```
.border{ border-color:#8593EC }
```

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



Here you see how a box with a 4 pixel #8593EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8593EC; -webkit-box-shadow:4px 4px  
4px 4px #8593EC; box-shadow:4px 4px 4px  
4px #8593EC }
```

# Background

The CSS property to change the background color of an element to Hex 8593EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8593EC }
```

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

```
.background{ background-color:#8593EC }
```

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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