

# Converting Colors

Hex(8099ED)

Have a look what the booklet for  
Hex(8099ED) contains.

<b>Hex(8099ED)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8099ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8099ED
RGB	128, 153, 237
RGB Percent	50%, 60%, 93%
CMY	0.4980, 0.4000, 0.0706
CMYK	0.46, 0.35, 0.00, 0.07
HSL	226°, 75%, 72%
HSV	226°, 46%, 93%
XYZ	35.5794, 33.4861, 84.7090
YIQ	155.1010, -41.8640, 20.8240

# Conversions

## Conversions Part 2

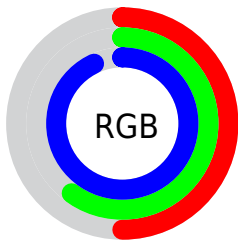
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	128, 148, 237
Decimal	8428013
CIE Lab	64.55, 13.14, -45.06
CIE LCh	65, 46.937, 286.257
Yxy	33.4861, 0.2314, 0.2178
Android (android.graphics.Color)	4286618093 (0xFF8099ED)
YUV	155.1010, 40.3762, -23.7676
Hunter-Lab	57.8672, 8.4824, -46.2848

# Details

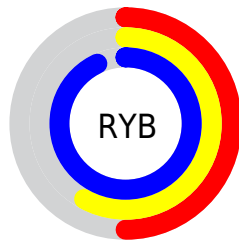
The Hex color **8099ED** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EDD480**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B9CFFF**, and **4766B5** is the 20% darker color. If you saturate the color by 10%, you get **6887ED**, and if you desaturate by 10%, it is **98ABED**.

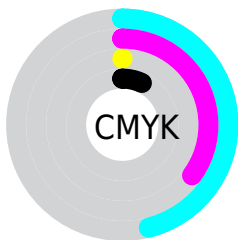
# Distribution



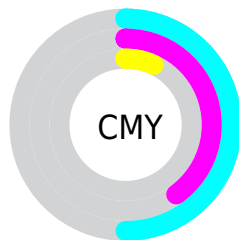
- Red (50%)
- Green (60%)
- Blue (93%)



- Red (50%)
- Yellow (58%)
- Blue (93%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (7%)



- Cyan (50%)
- Magenta (40%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8099ED 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 8099ED by changing the saturation by 10% instead.



 8099ED

 8099ED

FFFFFF

 647FD0

 B9CFFF

 4766B5

 D6EBFF

 264F9A

 F4FFFF

 00387F

 002366

 000F4D

 000536

 00021F


 000003

 8099ED

 8099ED

 6887ED


 98ABED

 5174ED

 AFBEED

 3962ED

 C7D0ED

 2150ED

 DFE2ED

 093EED

 F6F4ED

 0036ED

 FFFFED

# Harmonies

## Analogous

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



00A7EE



8099ED



BD89D7

# Triad

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



8099ED



E18462



27B187

# Complementary

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



8099ED



EDD480

# 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.



70AB60



8099ED



C6934A

# Square

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



8099ED



EC7A87



9FA149



00B2B3

# Rectangle

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



8099ED



D77FBF



9FA149



46AF79



# Sweetspot

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



8099ED



DBE3FF



80EDD4



6A6F80



000000



808080



# Same Dimension

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



8099ED



7393FF



9D80ED



6A6C75



002AB5



000C36



# Inverse Universe

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



ED8099



FF7393



D0ED80



756A6C



B5002A

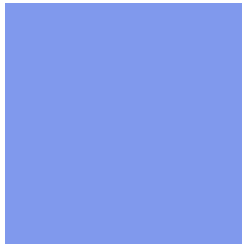


36000C



# Previews

## White Background



This preview shows how the Hex color 8099ED looks on a white background.

## Color Contrast Check

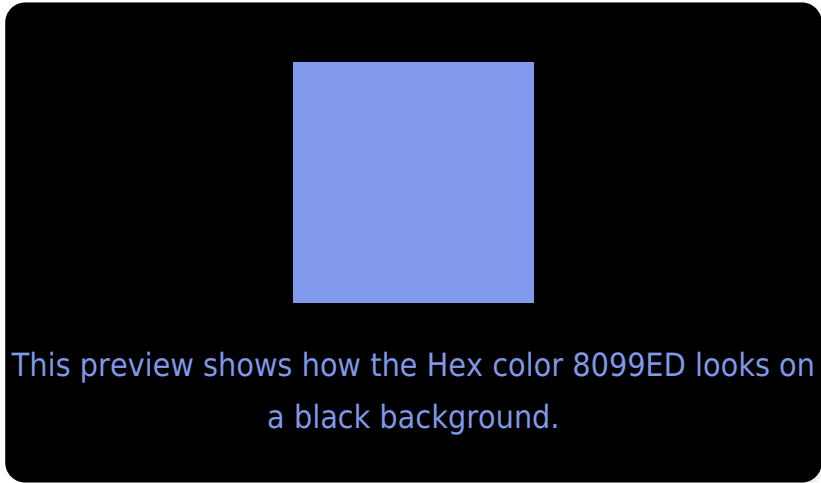
Large Text (above 18pt) WCAG AA × Fail

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

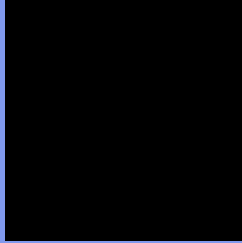
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8099ED Background



This preview shows how black text looks on a background with the Hex color 8099ED.



This preview shows how white text looks on a background with the Hex color 8099ED.

# 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**  
8099ED

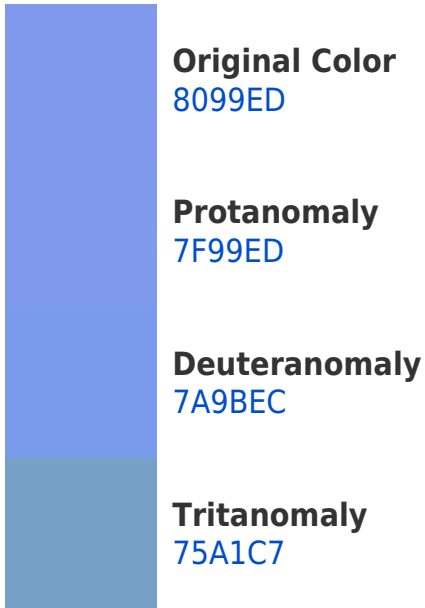
**Protanopia**  
7F99ED

**Deuteranopia**  
769CEC

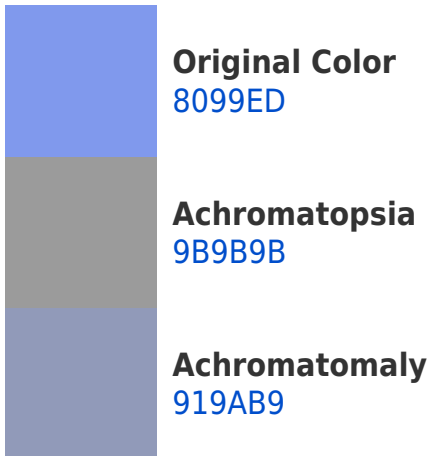


**Tritanopia**  
6FA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8099ED 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 #8099ED looks like.

```
.text, #text, p{  
    color:#8099ED  
}
```

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 #8099ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8099ED
}
```

## Border

The CSS property to change the border of an element to Hex 8099ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

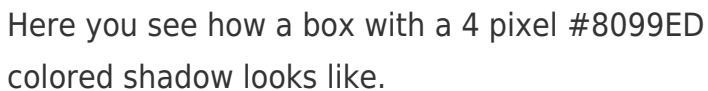
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8099ED }
```

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

```
.border{ border-color:#8099ED }
```

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



Here you see how a box with a 4 pixel #8099ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8099ED; -webkit-box-shadow:4px 4px  
4px 4px #8099ED; box-shadow:4px 4px 4px  
4px #8099ED }
```

# Background

The CSS property to change the background color of an element to Hex 8099ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8099ED }
```

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

```
.background{ background-color:#8099ED }
```

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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