

# Converting Colors

Hex(8882E3)

Have a look what the booklet for  
Hex(8882E3) contains.

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# Color

**Hex(8882E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8882E3
RGB	136, 130, 227
RGB Percent	53%, 51%, 89%
CMY	0.4667, 0.4902, 0.1098
CMYK	0.40, 0.43, 0.00, 0.11
HSL	244°, 63%, 70%
HSV	244°, 43%, 89%
XYZ	32.0011, 26.7456, 76.1488
YIQ	142.8520, -27.5610, 31.4390

# Conversions

## Conversions Part 2

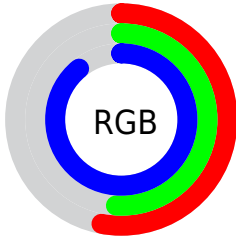
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	136, 130, 227
Decimal	8946403
CIE Lab	58.74, 25.69, -48.67
CIE LCh	59, 55.034, 297.830
Yxy	26.7456, 0.2372, 0.1983
Android (android.graphics.Color)	4287136483 (0xFF8882E3)
YUV	142.8520, 41.4850, -6.0092
Hunter-Lab	51.7161, 19.9498, -51.0996

# Details

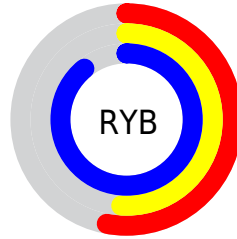
The Hex color **8882E3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DDE382**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C1B7FF**, and **5051AB** is the 20% darker color. If you saturate the color by 10%, you get **736BE3**, and if you desaturate by 10%, it is **9D99E3**.

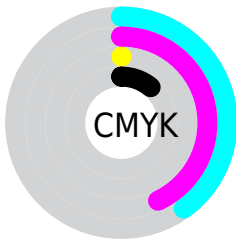
# Distribution



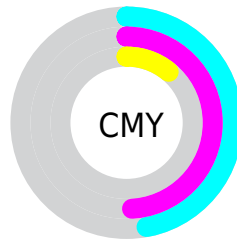
- Red (53%)
- Green (51%)
- Blue (89%)



- Red (53%)
- Yellow (51%)
- Blue (89%)



- Cyan (40%)
- Magenta (43%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (49%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8882E3 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 8882E3 by changing the saturation by 10% instead.



8882E3

8882E3

FFFFFF

6C69C7

C1B7FF

5051AB

DED3FF

343A90

FBEFFF

0F2476

00115D

000045

00032D

000118

000000

■ 8882E3

■ 8882E3

■ 736BE3

■ 9D99E3

■ 5D55E3

■ B3AFE3

■ 483EE3

■ C8C6E3

■ 3327E3

■ DDDDE3

■ 1E11E3

■ F2F3E3

■ 0E00E3

■ FFFFE3

# Harmonies

## Analogous

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



0094EE



8882E3



C56EC1

# Triad

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



8882E3



CF773B



00A488

# Complementary

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



8882E3



DDE382

# 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.



36A057



8882E3



AA8A24

# Square

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



8882E3



E36663



7A9831



00A4B9

# Rectangle

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



8882E3



DB63A3



7A9831



00A377



# Sweetspot

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



8882E3



E0DEFF



82DEE3



6C6B80



000000



808080



# Same Dimension

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



8882E3



857DFF



B782E3



686773



0B00B3



030033



# Inverse Universe

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



E382DD



FF7DF7



AEE382



736772



B300A7

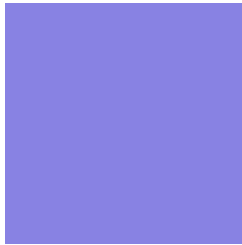


330030



# Previews

## White Background



This preview shows how the Hex color 8882E3 looks on a white background.

## Color Contrast Check

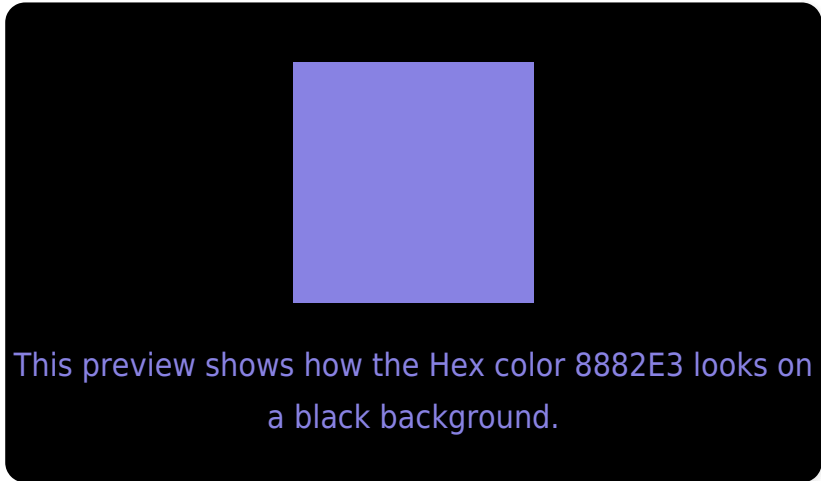
Large Text (above 18pt) WCAG AA ✓ Pass

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

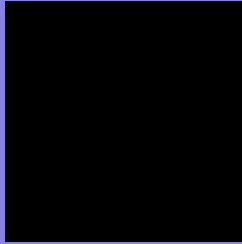
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8882E3 Background



This preview shows how black text looks on a background with the Hex color 8882E3.

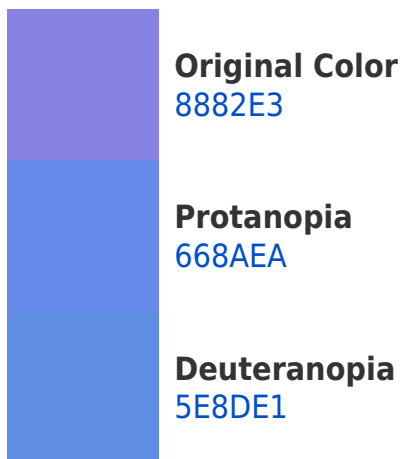



This preview shows how white text looks on a background with the Hex color 8882E3.

# 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](#).

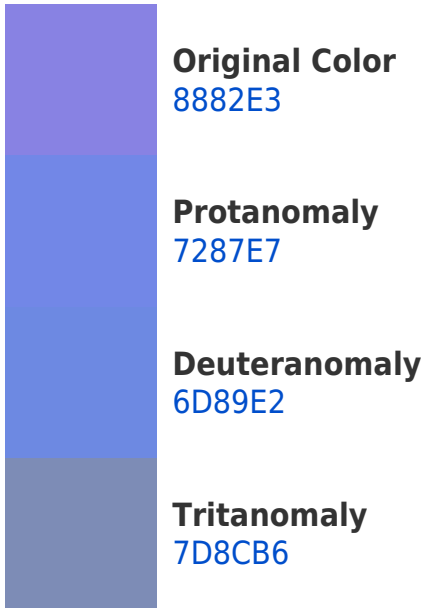
## Dichromacy



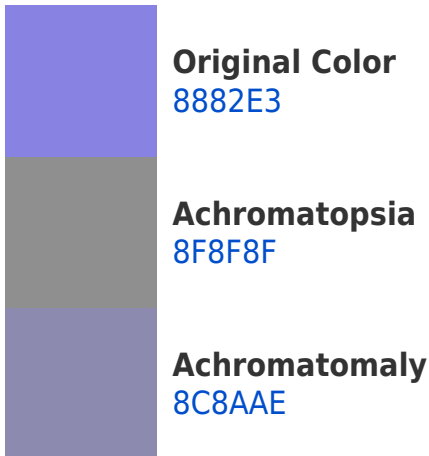


**Tritanopia**  
77919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8882E3 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 #8882E3 looks like.

```
.text, #text, p{  
    color:#8882E3  
}
```

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 #8882E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8882E3
}
```

## Border

The CSS property to change the border of an element to Hex 8882E3 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
#8882E3 }
```

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

```
.border{ border-color:#8882E3 }
```

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

Here you see how a box with a 4 pixel #8882E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8882E3; -webkit-box-shadow:4px 4px  
4px 4px #8882E3; box-shadow:4px 4px 4px  
4px #8882E3 }
```

# Background

The CSS property to change the background color of an element to Hex 8882E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8882E3 }
```

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

```
.background{ background-color:#8882E3 }
```

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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