

Converting Colors

Hex(8853EA)

Have a look what the booklet for
Hex(8853EA) contains.

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Color

Hex(8853EA)

Conversions

Conversions Part 1

Format	Color
Hex	8853EA
RGB	136, 83, 234
RGB Percent	53%, 33%, 92%
CMY	0.4667, 0.6745, 0.0824
CMYK	0.42, 0.65, 0.00, 0.08
HSL	261°, 78%, 62%
HSV	261°, 65%, 92%
XYZ	28.0979, 17.3613, 79.7120
YIQ	116.0610, -16.8830, 58.1970

Conversions

Conversions Part 2

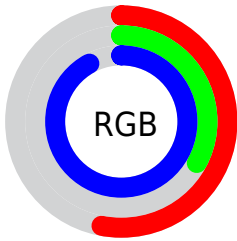
Format	Color
R_{YB}	136, 83, 234
Decimal	8934378
CIE _{Lab}	48.71, 54.15, -68.68
CIE _{LCh}	49, 87.460, 308.252
Yxy	17.3613, 0.2245, 0.1387
Android (android.graphics.Color)	4287124458 (0xFF8853EA)
YUV	116.0610, 58.1439, 17.4865
Hunter-Lab	41.6669, 47.4538, -84.2597

Details

The Hex color **8853EA** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **B5EA53**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C387FF**, and **4C1FB1** is the 20% darker color. If you saturate the color by 10%, you get **793CEA**, and if you desaturate by 10%, it is **976AEA**.

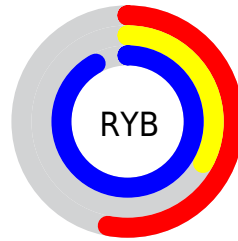
Distribution



Red (53%)

Green (33%)

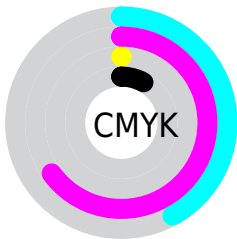
Blue (92%)



Red (53%)

Yellow (33%)

Blue (92%)

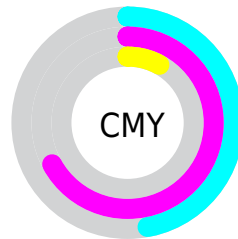


Cyan (42%)

Magenta (65%)

Yellow (0%)

Black (8%)



Cyan (47%)

Magenta (67%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8853EA 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 8853EA by changing the saturation by 10% instead.

 8853EA

 8853EA

FFFFFF

 6A3ACD

 C387FF

 4C1FB1


 E1A2FF

 2A0096

 FFBEFF


 00007B

 FFDAFF

 000061

 FFF7FF

 000448

 000431

 00011B

 000000

8853EA

8853EA

793CEA

976AEA

6A24EA

A682EA

5A0DEA

B699EA

5200EA

C5B1EA

D4C8EA

E3DFEA

F2F7EA

FFFFEA

Harmonies

Analogous

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



0078FF



8853EA



D700AC

Triad

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



8853EA



B75A00



009187

Complementary

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



8853EA



B5EA53

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.



008E38



8853EA



7B7800

Square

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



8853EA



E12419



158700



0091CF

Rectangle

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



8853EA



ED007C



158700



00916D

Sweetspot

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



8853EA



E0CFFF



53B5EA



6C6280



000000



808080

Same Dimension

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



8853EA



803BFF



D353EA



6E6A75



4000B5



130036

Inverse Universe

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



EA53B5



FF3BBA



6AEA53



756A71



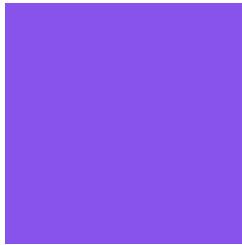
B50076



360023

Previews

White Background



This preview shows how the Hex color 8853EA looks on a white background.

Color Contrast Check

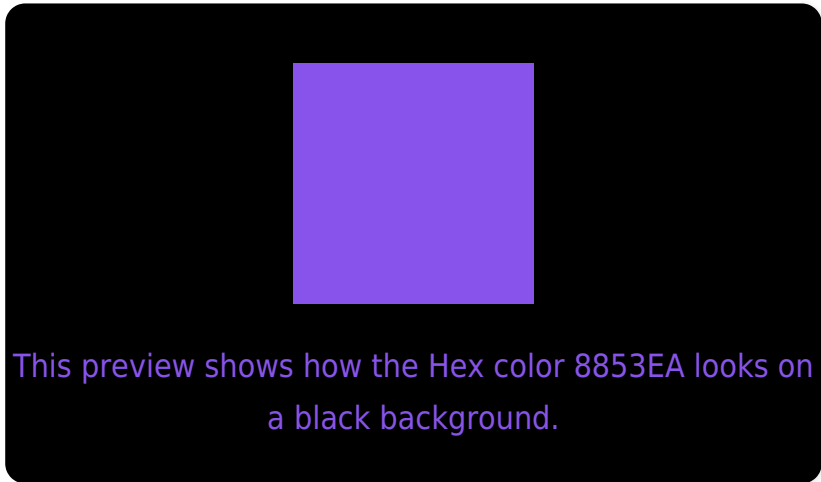
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

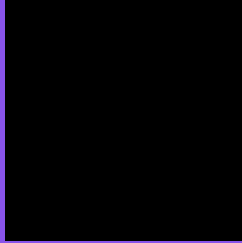
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8853EA Background



This preview shows how black text looks on a background with the Hex color 8853EA.



This preview shows how white text looks on a background with the Hex color 8853EA.

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](#).

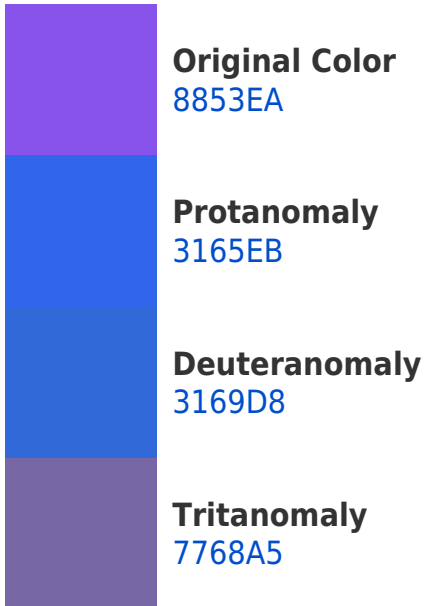
Dichromacy





Tritanopia
6E747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8853EA 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 #8853EA looks like.

```
.text, #text, p{  
    color:#8853EA  
}
```

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 #8853EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8853EA  
}
```

Border

The CSS property to change the border of an element to Hex 8853EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

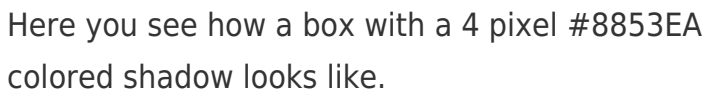
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8853EA }
```

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

```
.border{ border-color:#8853EA }
```

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



Here you see how a box with a 4 pixel #8853EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8853EA; -webkit-box-shadow:4px 4px  
4px 4px #8853EA; box-shadow:4px 4px 4px  
4px #8853EA }
```

Background

The CSS property to change the background color of an element to Hex 8853EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8853EA }
```

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

```
.background{ background-color:#8853EA }
```

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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