

Converting Colors

Hex(853EC6)

Have a look what the booklet for
Hex(853EC6) contains.

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Color

Hex(853EC6)

Conversions

Conversions Part 1

Format	Color
Hex	853EC6
RGB	133, 62, 198
RGB Percent	52%, 24%, 78%
CMY	0.4784, 0.7569, 0.2235
CMYK	0.33, 0.69, 0.00, 0.22
HSL	271°, 54%, 51%
HSV	271°, 69%, 78%
XYZ	21.5885, 12.5090, 54.7027
YIQ	98.7330, -1.3400, 57.3480

Conversions

Conversions Part 2

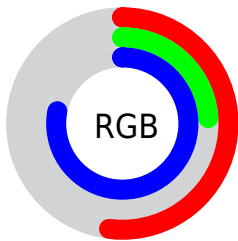
Format	Color
R_{YB}	133, 62, 198
Decimal	8732358
CIE _{Lab}	42.01, 55.01, -58.97
CIE _{LCh}	42, 80.644, 313.010
Yxy	12.5090, 0.2431, 0.1409
Android (android.graphics.Color)	4286922438 (0xFF853EC6)
YUV	98.7330, 48.9386, 30.0522
Hunter-Lab	35.3681, 47.0615, -66.9444

Details

The Hex color **853EC6** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **7FC63E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BE73FF**, and **4C008F** is the 20% darker color. If you saturate the color by 10%, you get **7C2AC6**, and if you desaturate by 10%, it is **8E52C6**.

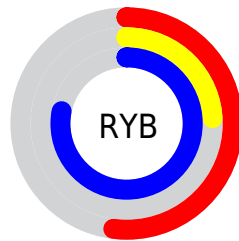
Distribution



Red (52%)

Green (24%)

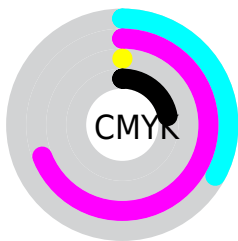
Blue (78%)



Red (52%)

Yellow (24%)

Blue (78%)

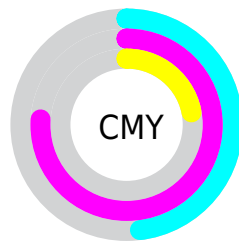


Cyan (33%)

Magenta (69%)

Yellow (0%)

Black (22%)



Cyan (48%)

Magenta (76%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 853EC6 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 853EC6 by changing the saturation by 10% instead.

853EC6

853EC6

FFFFFF

6923AA

BE73FF

4C008F

DC8DFF

2F0075

F9A9FF

0E005B

FFC5FF

000043

FFE2FF

00032B

000116

000000

853EC6

853EC6

7C2AC6

8E52C6

7216C6

9866C6

6903C6

A179C6

6700C6

AB8DC6

B4A1C6

BEB5C6

C7C9C6

D1DCC6

DAF0C6

Harmonies

Analogous

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



0063E7



853EC6



C3008C

Triad

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



853EC6



985200



007D80

Complementary

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



853EC6



7FC63E

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.



007B39



853EC6



5F6A00

Square

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



853EC6



C02400



007600



007DBE

Rectangle

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



853EC6



D10060



007600



007D68

Sweetspot

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



853EC6



E5C9FF



3E80C6



706080



000000



808080

Same Dimension

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



853EC6



9B2EFF



C63EC4



5F5A63



5500A3



130024

Inverse Universe

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



C63E7F



FF2E92



3EC640



635A5E



A3004E



240011

Previews

White Background



This preview shows how the Hex color 853EC6 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

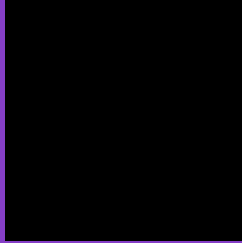
Any Text WCAG AA × Fail

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 853EC6 Background



This preview shows how black text looks on a background with the Hex color 853EC6.



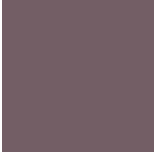
This preview shows how white text looks on a background with the Hex color 853EC6.

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](#).

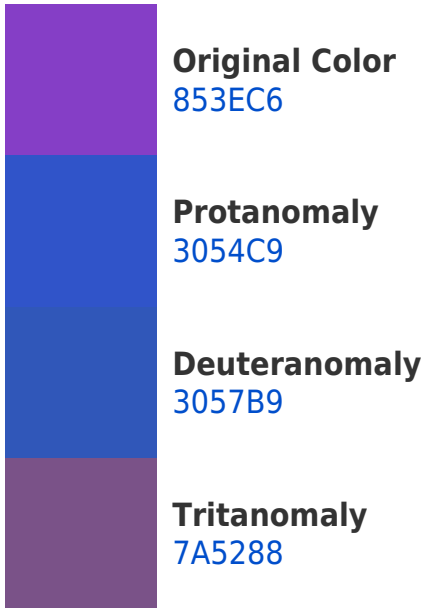
Dichromacy



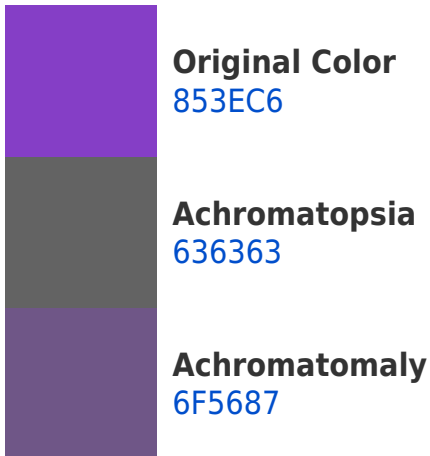


Tritanopia
735E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 853EC6 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 #853EC6 looks like.

```
.text, #text, p{  
    color:#853EC6  
}
```

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 #853EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853EC6
}
```

Border

The CSS property to change the border of an element to Hex 853EC6 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".

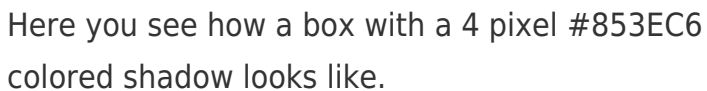
```
.border, #border, table{ border:4px solid
#853EC6 }
```

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

```
.border{ border-color:#853EC6 }
```

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

Here you see how a box with a 4 pixel #853EC6 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853EC6; -webkit-box-shadow:4px 4px  
4px 4px #853EC6; box-shadow:4px 4px 4px  
4px #853EC6 }
```

Background

The CSS property to change the background color of an element to Hex 853EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853EC6 }
```

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

```
.background{ background-color:#853EC6 }
```

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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