

Converting Colors

Hex(853FE3)

Have a look what the booklet for
Hex(853FE3) contains.

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Color

Hex(853FE3)

Conversions

Conversions Part 1

Format	Color
Hex	853FE3
RGB	133, 63, 227
RGB Percent	52%, 25%, 89%
CMY	0.4784, 0.7529, 0.1098
CMYK	0.41, 0.72, 0.00, 0.11
HSL	266°, 75%, 57%
HSV	266°, 72%, 89%
XYZ	25.3155, 14.0876, 74.0580
YIQ	102.6260, -10.9240, 65.8440

Conversions

Conversions Part 2

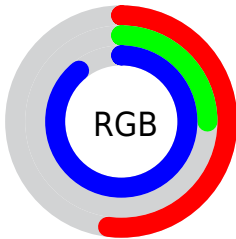
Format	Color
R_{YB}	133, 63, 227
Decimal	8732643
CIE _{Lab}	44.36, 61.54, -71.82
CIE _{LCh}	44, 94.578, 310.590
Yxy	14.0876, 0.2231, 0.1242
Android (android.graphics.Color)	4286922723 (0xFF853FE3)
YUV	102.6260, 61.3164, 26.6380
Hunter-Lab	37.5335, 54.7108, -90.7127

Details

The Hex color **853FE3** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **9DE33F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C074FF**, and **4800AA** is the 20% darker color. If you saturate the color by 10%, you get **7828E3**, and if you desaturate by 10%, it is **9256E3**.

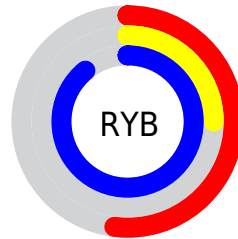
Distribution



Red (52%)

Green (25%)

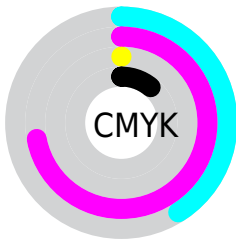
Blue (89%)



Red (52%)

Yellow (25%)

Blue (89%)

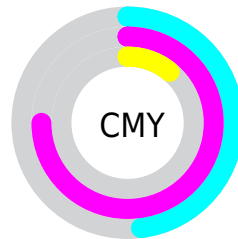


Cyan (41%)

Magenta (72%)

Yellow (0%)

Black (11%)



Cyan (48%)

Magenta (75%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 853FE3 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 853FE3 by changing the saturation by 10% instead.

 853FE3

 853FE3

FFFFFF

 6723C6

 C074FF

 4800AA

 DE90FF

 24008F

 FDABFF

 000075

 FFC8FF

 00005B

 FFE4FF

 000742

 00032B

 000115

 000000

853FE3

853FE3

7828E3

9256E3

6B12E3

9F6CE3

6100E3

AC83E3

B99AE3

C6B1E3

D3C7E3

E0DEE3

EDF5E3

FAFFE3

Harmonies

Analogous

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



006CFF



853FE3



D5009F

Triad

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



853FE3



A95100



008684

Complementary

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



853FE3



9DE33F

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.



00842F



853FE3



676F00

Square

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



853FE3



D70000



007D00



0087D0

Rectangle

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



853FE3



E8006B



007D00



008669

Sweetspot

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



853FE3



DFC7FF



3F9FE3



6C5E80



000000



808080

Same Dimension

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



853FE3



8021FF



D53FE3



6C6773



4C00B3



160033

Inverse Universe

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



E33F9D



FF21A0



4DE33F



73676E



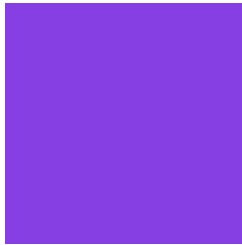
B30066



33001D

Previews

White Background



This preview shows how the Hex color 853FE3 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 853FE3 Background



This preview shows how black text looks on a background with the Hex color 853FE3.




This preview shows how white text looks on a background with the Hex color 853FE3.

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
6B676F

Trichromacy



Original Color
853FE3



Protanomaly
3057DB



Deuteranomaly
305BC8



Tritanomaly
745899

Monochromacy



Original Color
853FE3



Achromatopsia
676767



Achromatomaly
725894

CSS Examples

Text

The CSS property to change the color of the text to Hex 853FE3 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 #853FE3 looks like.

```
.text, #text, p{  
    color:#853FE3  
}
```

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 #853FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853FE3
}
```

Border

The CSS property to change the border of an element to Hex 853FE3 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".

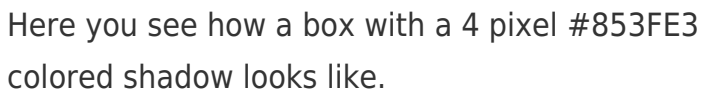
```
.border, #border, table{ border:4px solid
#853FE3 }
```

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

```
.border{ border-color:#853FE3 }
```

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

Here you see how a box with a 4 pixel #853FE3 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853FE3; -webkit-box-shadow:4px 4px  
4px 4px #853FE3; box-shadow:4px 4px 4px  
4px #853FE3 }
```

Background

The CSS property to change the background color of an element to Hex 853FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853FE3 }
```

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

```
.background{ background-color:#853FE3 }
```

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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