

Converting Colors

Hex(853DEA)

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

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Color

Hex(853DEA)

Conversions

Conversions Part 1

Format	Color
Hex	853DEA
RGB	133, 61, 234
RGB Percent	52%, 24%, 92%
CMY	0.4784, 0.7608, 0.0824
CMYK	0.43, 0.74, 0.00, 0.08
HSL	265°, 80%, 58%
HSV	265°, 74%, 92%
XYZ	26.1929, 14.2645, 79.2147
YIQ	102.2500, -12.6210, 69.0670

Conversions

Conversions Part 2

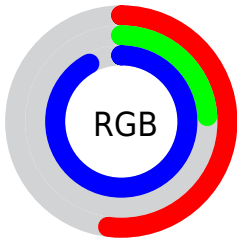
Format	Color
R_{YB}	133, 61, 234
Decimal	8732138
CIE _{Lab}	44.61, 64.13, -75.38
CIE _{LCh}	45, 98.965, 310.388
Yxy	14.2645, 0.2189, 0.1192
Android (android.graphics.Color)	4286922218 (0xFF853DEA)
YUV	102.2500, 64.9527, 26.9678
Hunter-Lab	37.7684, 57.6973, -97.9157

Details

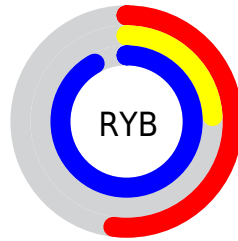
The Hex color **853DEA** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **A2EA3D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C173FF**, and **4700B1** is the 20% darker color. If you saturate the color by 10%, you get **7726EA**, and if you desaturate by 10%, it is **9354EA**.

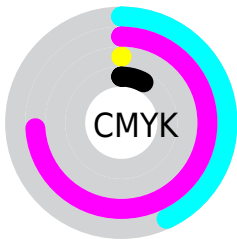
Distribution



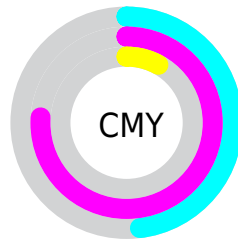
- Red (52%)
- Green (24%)
- Blue (92%)



- Red (52%)
- Yellow (24%)
- Blue (92%)



- Cyan (43%)
- Magenta (74%)
- Yellow (0%)
- Black (8%)



- Cyan (48%)
- Magenta (76%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 853DEA

 853DEA

FFFFFF

 6720CD

 C173FF

 4700B1

 DF8EFF

 200095

 FEAAFF

 00007B

 FFC6FF

 000061

 FFE3FF

 000848

 000430

 00011A

 000000

 853DEA

 853DEA

 7726EA

 9354EA

 6A0EEA

 A06CEA

 6100EA

 AE83EA

 BC9BEA

 C9B2EA

 D7C9EA

 E5E1EA

 F2F8EA

 FFFFEA

Harmonies

Analogous

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



006DFF



853DEA



DA00A3

Triad

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



853DEA



AB5000



008885

Complementary

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



853DEA



A2EA3D

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.



00852C



853DEA



677000

Square

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



853DEA



DC0000



007F00



0088D5

Rectangle

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



853DEA



EE006D



007F00



008769

Sweetspot

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



853DEA



DEC7FF



3DA5EA



6C5E80



000000



808080

Same Dimension

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



853DEA



7B1CFF



D93DEA



6E6A75



4B00B5



160036

Inverse Universe

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



EA3DA2



FF1CA1



4EEA3D



756A70



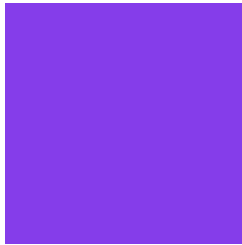
B5006A



36001F

Previews

White Background



This preview shows how the Hex color 853DEA looks on a white background.

Color Contrast Check

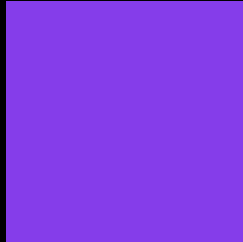
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 853DEA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

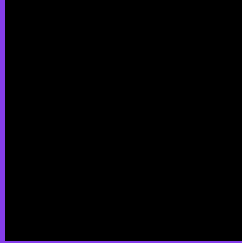
Any Text WCAG AA × Fail

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 853DEA Background



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

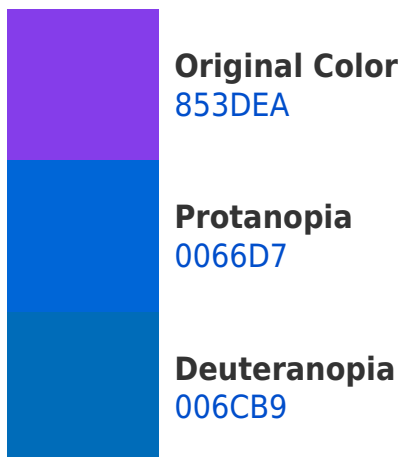



This preview shows how white text looks on a background with the Hex color 853DEA.

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
686971

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #853DEA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 853DEA 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
#853DEA }
```

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

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

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

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

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

Background

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

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

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

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

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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