

# Converting Colors

Hex(853DD9)

Have a look what the booklet for  
Hex(853DD9) contains.

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# Color

**Hex(853DD9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	853DD9
RGB	133, 61, 217
RGB Percent	52%, 24%, 85%
CMY	0.4784, 0.7608, 0.1490
CMYK	0.39, 0.72, 0.00, 0.15
HSL	268°, 67%, 55%
HSV	268°, 72%, 85%
XYZ	23.8660, 13.3338, 66.9614
YIQ	100.3120, -7.1640, 63.7800

# Conversions

## Conversions Part 2

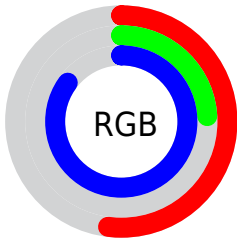
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 61, 217
Decimal	8732121
CIE <sub>Lab</sub>	43.26, 60.00, -67.90
CIE <sub>LCh</sub>	43, 90.615, 311.464
Yxy	13.3338, 0.2291, 0.1280
Android (android.graphics.Color)	4286922201 (0xFF853DD9)
YUV	100.3120, 57.5272, 28.6674
Hunter-Lab	36.5155, 52.7631, -83.1642

# Details

The Hex color **853DD9** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **91D93D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C072FF**, and **4A00A1** is the 20% darker color. If you saturate the color by 10%, you get **7927D9**, and if you desaturate by 10%, it is **9153D9**.

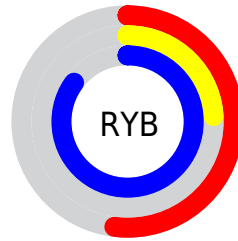
# Distribution



Red (52%)

Green (24%)

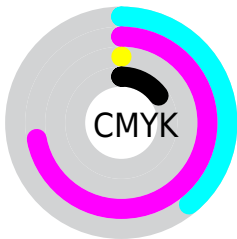
Blue (85%)



Red (52%)

Yellow (24%)

Blue (85%)

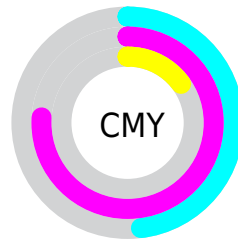


Cyan (39%)

Magenta (72%)

Yellow (0%)

Black (15%)



Cyan (48%)

Magenta (76%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 853DD9 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 853DD9 by changing the saturation by 10% instead.



 853DD9

 853DD9

FFFFFF

 6821BD

 C072FF

 4A00A1

 DE8DFF

 290086

 FCA9FF

 00006C

 FFC5FF

 000052

 FFE2FF

 00063A

 000224

 00000B

 000000

853DD9

853DD9

7927D9

9153D9

6E12D9

9C68D9

6400D9

A87ED9

B494D9

BFAAD9

CBBFD9

D7D5D9

E2EBD9

EEFFD9

# Harmonies

## Analogous

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



0068FD



853DD9



CF0098

# Triad

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



853DD9



A25000



008382

# Complementary

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



853DD9



91D93D

# 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.



008032



853DD9



636D00

# Square

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



853DD9



CF0500



007A00



0083CA

# Rectangle

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



853DD9



E00066



007A00



008268



# Sweetspot

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



853DD9



E1C7FF



3D93D9



6E5E80



000000



808080



# Same Dimension

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



853DD9



8924FF



D13DD9



68636E



5000AD



15002E



# Inverse Universe

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



D93D91



FF249A



45D93D



6E6369



AD005D

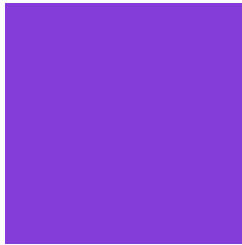


2E0019



# Previews

## White Background



This preview shows how the Hex color 853DD9 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

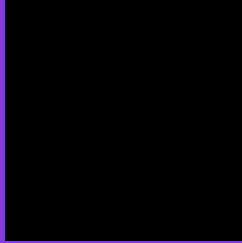
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 853DD9 Background



This preview shows how black text looks on a background with the Hex color 853DD9.

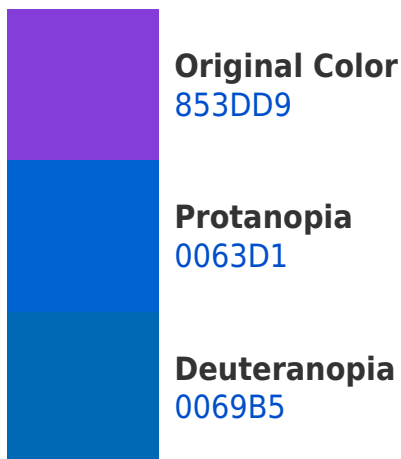


This preview shows how white text looks on a background with the Hex color 853DD9.

# 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**  
6E636B

# Trichromacy



**Original Color**  
853DD9



**Protanomaly**  
3055D4



**Deuteranomaly**  
3059C2



**Tritanomaly**  
765593

# Monochromacy



**Original Color**  
853DD9



**Achromatopsia**  
646464



**Achromatomaly**  
70568F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 853DD9 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 #853DD9 looks like.

```
.text, #text, p{  
    color:#853DD9  
}
```

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 #853DD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853DD9
}
```

## Border

The CSS property to change the border of an element to Hex 853DD9 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
#853DD9 }
```

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

```
.border{ border-color:#853DD9 }
```

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

Here you see how a box with a 4 pixel #853DD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853DD9; -webkit-box-shadow:4px 4px  
4px 4px #853DD9; box-shadow:4px 4px 4px  
4px #853DD9 }
```

# Background

The CSS property to change the background color of an element to Hex 853DD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853DD9 }
```

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

```
.background{ background-color:#853DD9 }
```

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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