

Converting Colors

Hex(853DCD)

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

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Color

Hex(853DCD)

Conversions

Conversions Part 1

Format	Color
Hex	853DCD
RGB	133, 61, 205
RGB Percent	52%, 24%, 80%
CMY	0.4784, 0.7608, 0.1961
CMYK	0.35, 0.70, 0.00, 0.20
HSL	270°, 59%, 52%
HSV	270°, 70%, 80%
XYZ	22.3611, 12.7318, 59.0365
YIQ	98.9440, -3.3120, 60.0480

Conversions

Conversions Part 2

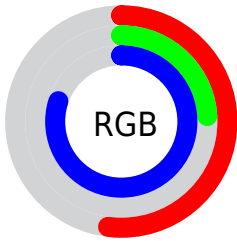
Format	Color
R _{YB}	133, 61, 205
Decimal	8732109
CIE _{Lab}	42.36, 57.13, -62.47
CIE _{LCh}	42, 84.655, 312.442
Yxy	12.7318, 0.2376, 0.1353
Android (android.graphics.Color)	4286922189 (0xFF853DCD)
YUV	98.9440, 52.2856, 29.8671
Hunter-Lab	35.6817, 49.4198, -73.1202

Details

The Hex color **853DCD** 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 **85CD3D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BF72FF**, and **4C0096** is the 20% darker color. If you saturate the color by 10%, you get **7B29CD**, and if you desaturate by 10%, it is **8F52CD**.

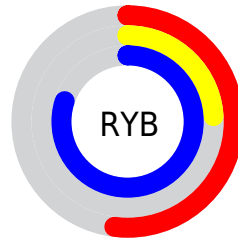
Distribution



Red (52%)

Green (24%)

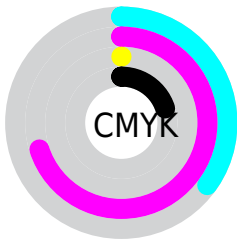
Blue (80%)



Red (52%)

Yellow (24%)

Blue (80%)

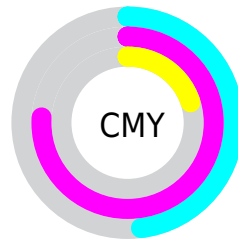


Cyan (35%)

Magenta (70%)

Yellow (0%)

Black (20%)



Cyan (48%)

Magenta (76%)

Yellow (20%)

Brightness & Saturation Gradients

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

 853DCD

 853DCD

FFFFFF

 6821B1

 BF72FF

 4C0096

 DC8DFF

 2D007B

 FAA8FF

 060061

 FFC5FF

 000048

 FFE1FF

 000431

FFFEFF

 00011B


 000000

 853DCD

 853DCD

 7B29CD

 8F52CD

 7114CD

 9A66CD

 6700CD

 A47BCD

 AE8FCD

 B8A4CD

 C3B8CD

 CDCDCD

 D7E1CD

 E1F6CD

Harmonies

Analogous

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



0065F0



853DCD



C70090

Triad

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



853DCD



9B5100



007F80

Complementary

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



853DCD



85CD3D

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.



007D36



853DCD



606A00

Square

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



853DCD



C61B00



007700



007FC2

Rectangle

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



853DCD



D70062



007700



007F68

Sweetspot

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



853DCD



E4C9FF



3D85CD



706080



000000



808080

Same Dimension

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



853DCD



9429FF



CD3DCD



615C66



5300A6



130026

Inverse Universe

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



CD3D85



FF2994



3DCD3D



665C61



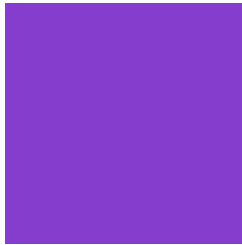
A60053



260013

Previews

White Background



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

Color Contrast Check

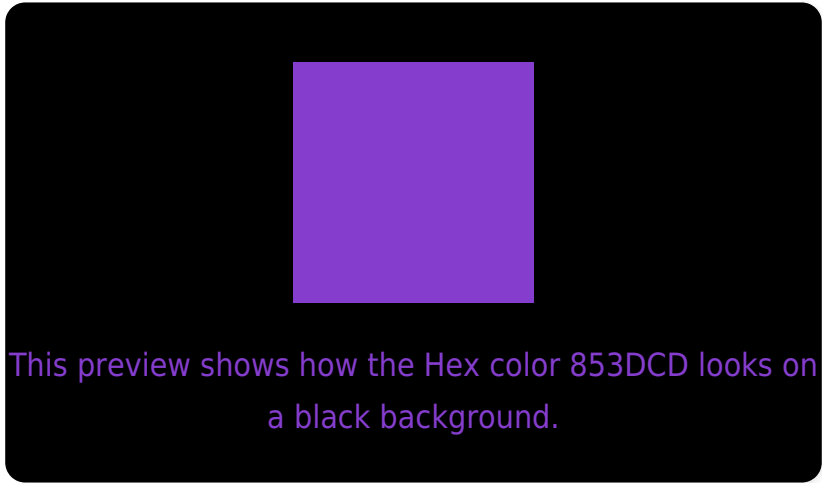
Large Text (above 18pt) WCAG AA ✓ Pass

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 853DCD Background



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

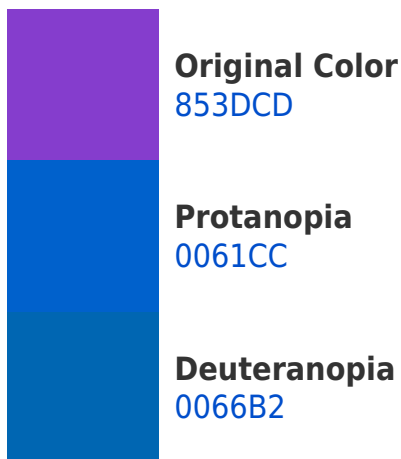


This preview shows how white text looks on a background with the Hex color 853DCD.

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](#).

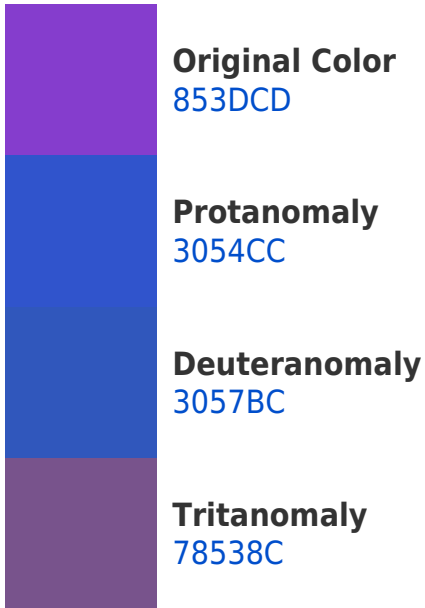
Dichromacy



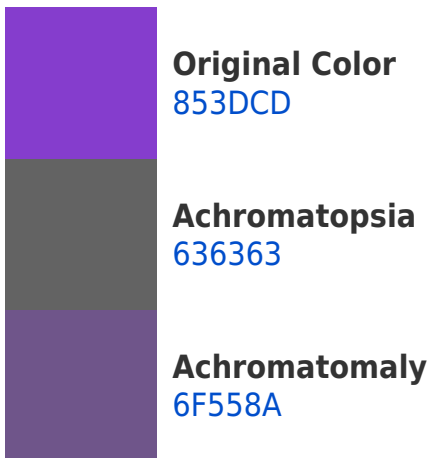


Tritanopia
715F67

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #853DCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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