

# Converting Colors

Hex(854CA6)

Have a look what the booklet for  
Hex(854CA6) contains.

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**Color**

**Hex(854CA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	854CA6
RGB	133, 76, 166
RGB Percent	52%, 30%, 65%
CMY	0.4784, 0.7020, 0.3490
CMYK	0.20, 0.54, 0.00, 0.35
HSL	278°, 37%, 47%
HSV	278°, 54%, 65%
XYZ	19.1402, 12.9086, 37.5592
YIQ	103.3030, 5.0820, 40.0740

# Conversions

## Conversions Part 2

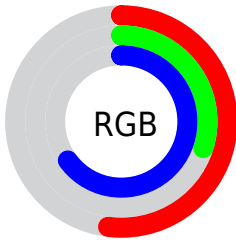
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 76, 166
Decimal	8735910
CIE <sub>Lab</sub>	42.63, 40.38, -39.19
CIE <sub>LCh</sub>	43, 56.266, 315.856
Yxy	12.9086, 0.2750, 0.1854
Android (android.graphics.Color)	4286925990 (0xFF854CA6)
YUV	103.3030, 30.9096, 26.0443
Hunter-Lab	35.9285, 32.2175, -36.8310

# Details

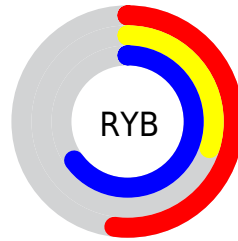
The Hex color **854CA6** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **6DA64C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **BC7FDE**, and **501B71** is the 20% darker color. If you saturate the color by 10%, you get **7F3BA6**, and if you desaturate by 10%, it is **8B5DA6**.

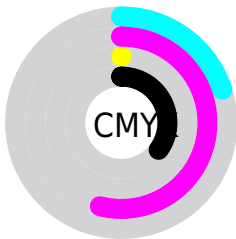
# Distribution



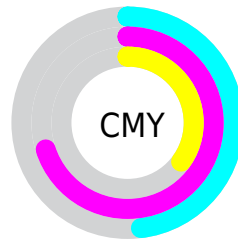
- Red (52%)
- Green (30%)
- Blue (65%)



- Red (52%)
- Yellow (30%)
- Blue (65%)



- Cyan (20%)
- Magenta (54%)
- Yellow (0%)
- Black (35%)



- Cyan (48%)
- Magenta (70%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 854CA6 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 854CA6 by changing the saturation by 10% instead.



854CA6

854CA6

FFFFFF

6A338B

BC7FDE

501B71

D99AFA

370058

F6B5FF

200041

FFD1FF

00002A

FFEDFF

000114

000000

854CA6

854CA6

7F3BA6

8B5DA6

792BA6

916DA6

731AA6

977EA6

6D0AA6

9D8EA6

6900A6

A39FA6

AAB0A6

B0C0A6

B6D1A6

BCE1A6

# Harmonies

## Analogous

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



2962BF



854CA6



AC367D

# Triad

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



854CA6



8C5A00



007A7D

# Complementary

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



854CA6



6DA64C

# 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.



00784C



854CA6



636A00

# Square

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



854CA6



A94522



28731C



0078A7

# Rectangle

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



854CA6



B6315E



28731C



007A6D



# Sweetspot

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



854CA6



CCB6D9



4C6DA6



66596E



EDEDED



6E6E6E



# Same Dimension

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



854CA6



A54CD9



A64C9A



514C54



5E0094



0D0014



# Inverse Universe

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



A64C6D



D94C80



4CA658



544C4F



940036



140007



# Previews

## White Background



This preview shows how the Hex color 854CA6 looks on a white background.

## Color Contrast Check

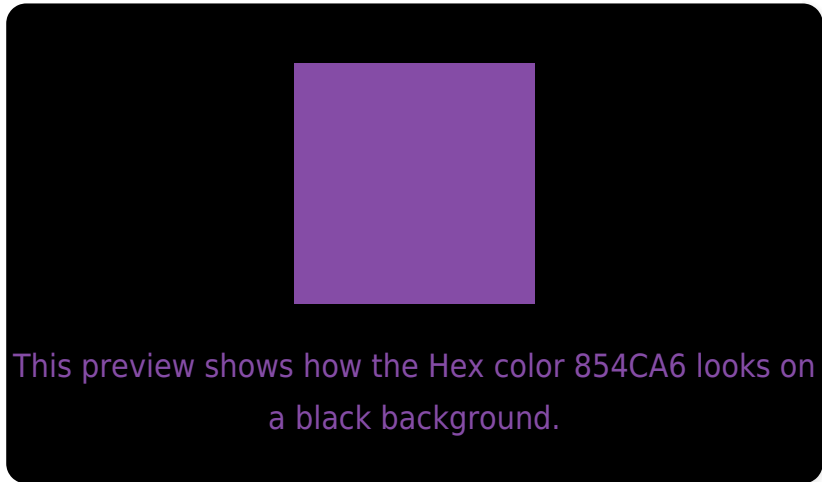
Large Text (above 18pt) WCAG AA ✓ Pass

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

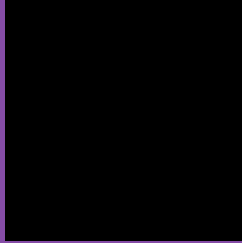
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 854CA6 Background



This preview shows how black text looks on a background with the Hex color 854CA6.

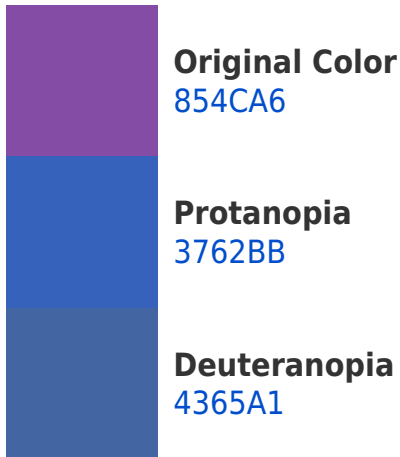


This preview shows how white text looks on a background with the Hex color 854CA6.

# 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**  
7B5D64

# Trichromacy



**Original Color**  
854CA6



**Protanomaly**  
535AB3



**Deuteranomaly**  
5B5CA3



**Tritanomaly**  
7F577C

# Monochromacy



**Original Color**  
854CA6



**Achromatopsia**  
676767



**Achromatomaly**  
725D7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 854CA6 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 #854CA6 looks like.

```
.text, #text, p{  
    color:#854CA6  
}
```

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 #854CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #854CA6
}
```

## Border

The CSS property to change the border of an element to Hex 854CA6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

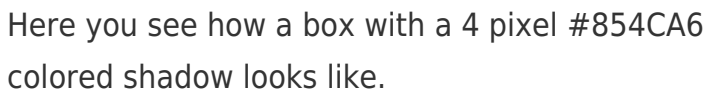
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#854CA6 }
```

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

```
.border{ border-color:#854CA6 }
```

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



Here you see how a box with a 4 pixel #854CA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #854CA6; -webkit-box-shadow:4px 4px  
4px 4px #854CA6; box-shadow:4px 4px 4px  
4px #854CA6 }
```

# Background

The CSS property to change the background color of an element to Hex 854CA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#854CA6 }
```

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

```
.background{ background-color:#854CA6 }
```

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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