

# Converting Colors

Hex(855D9A)

Have a look what the booklet for  
Hex(855D9A) contains.

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# Color

**Hex(855D9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	855D9A
RGB	133, 93, 154
RGB Percent	52%, 36%, 60%
CMY	0.4784, 0.6353, 0.3961
CMYK	0.14, 0.40, 0.00, 0.40
HSL	279°, 25%, 48%
HSV	279°, 40%, 60%
XYZ	19.4200, 15.1483, 32.4722
YIQ	111.9140, 4.2590, 27.4510

# Conversions

## Conversions Part 2

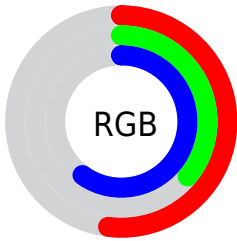
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 93, 154
Decimal	8740250
CIE <sub>Lab</sub>	45.84, 27.95, -27.01
CIE <sub>LCh</sub>	46, 38.870, 315.987
Yxy	15.1483, 0.2897, 0.2260
Android (android.graphics.Color)	4286930330 (0xFF855D9A)
YUV	111.9140, 20.7484, 18.4924
Hunter-Lab	38.9209, 20.9528, -22.2219

# Details

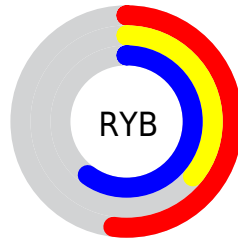
The Hex color **855D9A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **729A5D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BB90D1**, and **522E67** is the 20% darker color. If you saturate the color by 10%, you get **804E9A**, and if you desaturate by 10%, it is **8A6C9A**.

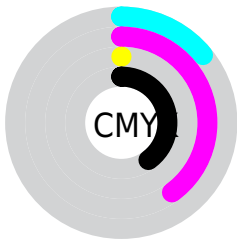
# Distribution



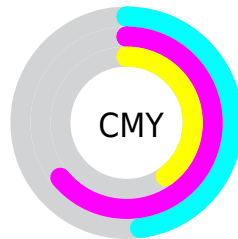
- Red (52%)
- Green (36%)
- Blue (60%)



- Red (52%)
- Yellow (36%)
- Blue (60%)



- Cyan (14%)
- Magenta (40%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (64%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 855D9A 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 855D9A by changing the saturation by 10% instead.



 855D9A

 855D9A

FFFFFF

 6B4580

 BB90D1

 522E67

 D7ABED

 3A174E

 F4C6FF

 230137

 FFE2FF

 020021

 000006

 000000

 855D9A

 855D9A

 804E9A

 8A6C9A

7A3E9A

907C9A

752F9A

958B9A

701F9A

9A9B9A

6A109A

A0AA9A

65019A

A5B99A

65009A

AAC99A

AFD89A

B5E89A

# Harmonies

## Analogous

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



546AAB



855D9A



A1537D

# Triad

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



855D9A



8C652C



007D7D

# Complementary

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



855D9A



729A5D

# 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.



007C5C



855D9A



6E702B

# Square

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



855D9A



A1593F



49783E



007B9B

# Rectangle

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



855D9A



A95067



49783E



007D72



# Sweetspot

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



855D9A



C1B1C9



5D729A



615866



E6E6E6



666666



# Same Dimension

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



855D9A



A869C9



9A5D91



4A454D



5C008C



08000D



# Inverse Universe

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



9A5D72



C9698A



5D9A66



4D4547



8C0030

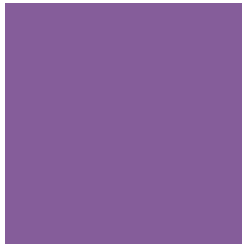


0D0004



# Previews

## White Background



This preview shows how the Hex color 855D9A 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

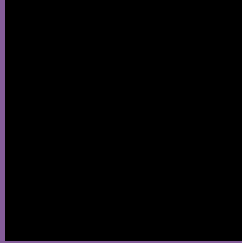
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 855D9A Background



This preview shows how black text looks on a background with the Hex color 855D9A.

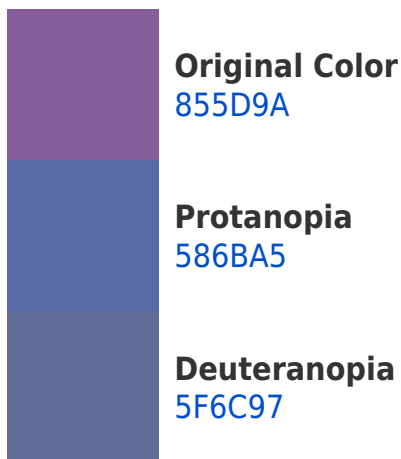


This preview shows how white text looks on a background with the Hex color 855D9A.

# 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](#).

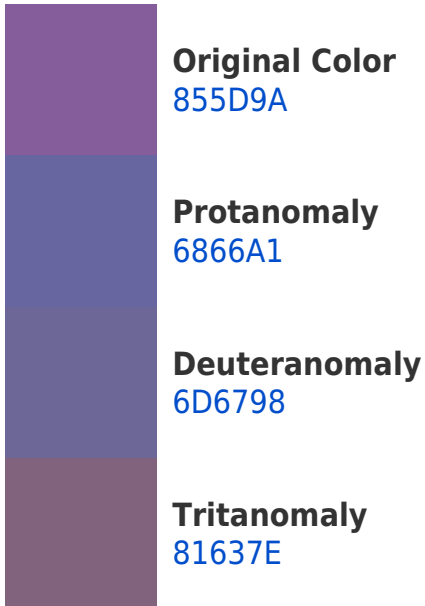
## Dichromacy



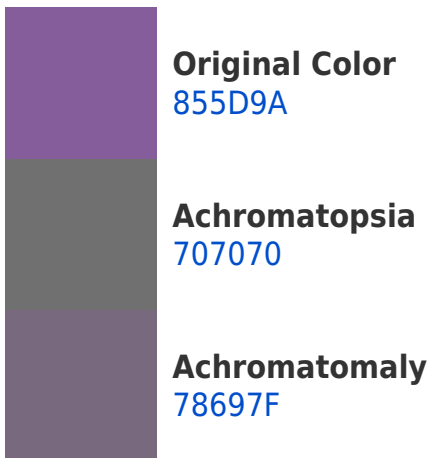


**Tritanopia**  
7E666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 855D9A 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 #855D9A looks like.

```
.text, #text, p{  
    color:#855D9A  
}
```

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 #855D9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855D9A
}
```

## Border

The CSS property to change the border of an element to Hex 855D9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

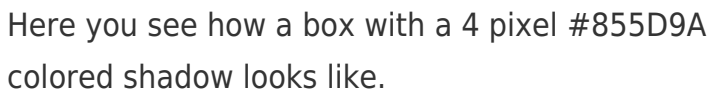
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#855D9A }
```

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

```
.border{ border-color:#855D9A }
```

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



Here you see how a box with a 4 pixel #855D9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855D9A; -webkit-box-shadow:4px 4px  
4px 4px #855D9A; box-shadow:4px 4px 4px  
4px #855D9A }
```

# Background

The CSS property to change the background color of an element to Hex 855D9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855D9A }
```

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

```
.background{ background-color:#855D9A }
```

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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