

# Converting Colors

Hex(855DA7)

Have a look what the booklet for  
Hex(855DA7) contains.

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# Color

**Hex(855DA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	855DA7
RGB	133, 93, 167
RGB Percent	52%, 36%, 65%
CMY	0.4784, 0.6353, 0.3451
CMYK	0.20, 0.44, 0.00, 0.35
HSL	272°, 30%, 51%
HSV	272°, 44%, 65%
XYZ	20.5623, 15.6053, 38.4876
YIQ	113.3960, 0.0860, 31.4940

# Conversions

## Conversions Part 2

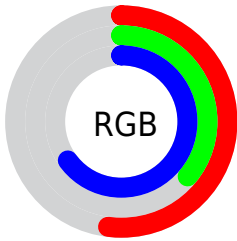
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	133, 93, 167
Decimal	8740263
CIE Lab	46.45, 30.97, -33.73
CIE LCh	46, 45.792, 312.549
Yxy	15.6053, 0.2754, 0.2090
Android (android.graphics.Color)	4286930343 (0xFF855DA7)
YUV	113.3960, 26.4268, 17.1927
Hunter-Lab	39.5035, 23.7813, -30.1128

# Details

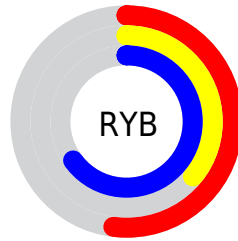
The Hex color **855DA7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7FA75D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BB90DE**, and **512D73** is the 20% darker color. If you saturate the color by 10%, you get **7D4CA7**, and if you desaturate by 10%, it is **8D6EA7**.

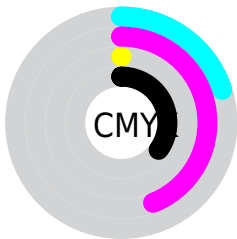
# Distribution



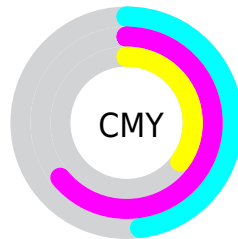
- Red (52%)
- Green (36%)
- Blue (65%)



- Red (52%)
- Yellow (36%)
- Blue (65%)



- Cyan (20%)
- Magenta (44%)
- Yellow (0%)
- Black (35%)



- Cyan (48%)
- Magenta (64%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 855DA7 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 855DA7 by changing the saturation by 10% instead.



855DA7

855DA7

FFFFFF

6B458C

BB90DE

512D73

D8ABFB

39175A

F5C6FF

200142

FFE3FF

03002B

000115

000000

855DA7

855DA7

7D4CA7

8D6EA7

763CA7

947EA7

6E2BA7

9C8FA7

661AA7

A4A0A7

5F09A7

ABB0A7

5A00A7

B3C1A7

BBD2A7

C2E3A7

CAF3A7

# Harmonies

## Analogous

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



436DB9



855DA7



A84F86

# Triad

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



855DA7



956421



00817E

# Complementary

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



855DA7



7FA75D

# 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.



007F56



855DA7



73711C

# Square

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



855DA7



AC553C



497A32



007FA1

# Rectangle

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



855DA7



B34A6C



497A32



008170



# Sweetspot

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



855DA7



CCBDD9



5D80A7



665C6E



EDEDED



6E6E6E



# Same Dimension

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



855DA7



A466D9



A75DA5



504C54



500094



0B0014



# Inverse Universe

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



A75D7F



D9669B



5DA75F



544C50



940044

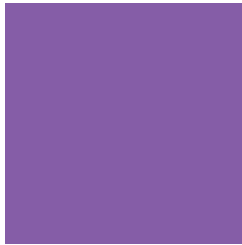


140009



# Previews

## White Background



This preview shows how the Hex color 855DA7 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

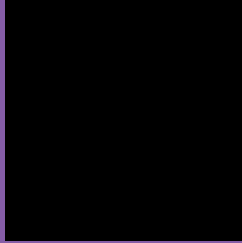
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 855DA7 Background



This preview shows how black text looks on a background with the Hex color 855DA7.

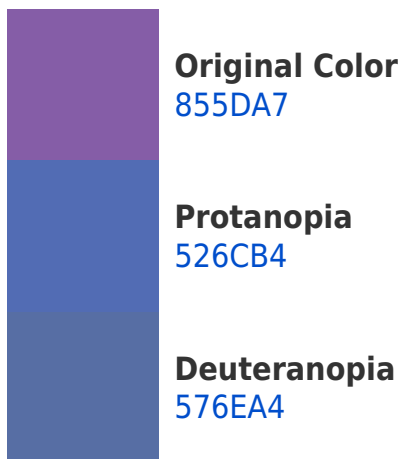



This preview shows how white text looks on a background with the Hex color 855DA7.

# 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**  
7C6971

# Trichromacy



**Original Color**  
855DA7

**Protanomaly**  
6567AF

**Deuteranomaly**  
6868A5

**Tritanomaly**  
7F6585

# Monochromacy



**Original Color**  
855DA7

**Achromatopsia**  
717171

**Achromatomaly**  
786A85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 855DA7 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 #855DA7 looks like.

```
.text, #text, p{  
    color:#855DA7  
}
```

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 #855DA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855DA7
}
```

## Border

The CSS property to change the border of an element to Hex 855DA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

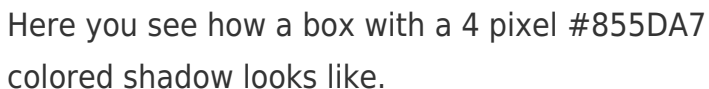
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#855DA7 }
```

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

```
.border{ border-color:#855DA7 }
```

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



Here you see how a box with a 4 pixel #855DA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855DA7; -webkit-box-shadow:4px 4px  
4px 4px #855DA7; box-shadow:4px 4px 4px  
4px #855DA7 }
```

# Background

The CSS property to change the background color of an element to Hex 855DA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855DA7 }
```

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

```
.background{ background-color:#855DA7 }
```

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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