

# Converting Colors

Hex(855AA1)

Have a look what the booklet for  
Hex(855AA1) contains.

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# Color

**Hex(855AA1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	855AA1
RGB	133, 90, 161
RGB Percent	52%, 35%, 63%
CMY	0.4784, 0.6471, 0.3686
CMYK	0.17, 0.44, 0.00, 0.37
HSL	276°, 28%, 49%
HSV	276°, 44%, 63%
XYZ	19.7621, 14.8721, 35.5472
YIQ	110.9510, 2.8370, 31.1970

# Conversions

## Conversions Part 2

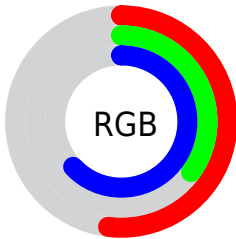
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 90, 161
Decimal	8739489
CIE <sub>Lab</sub>	45.46, 31.30, -31.75
CIE <sub>LCh</sub>	45, 44.588, 314.593
Yxy	14.8721, 0.2816, 0.2119
Android (android.graphics.Color)	4286929569 (0xFF855AA1)
YUV	110.9510, 24.6742, 19.3370
Hunter-Lab	38.5643, 23.9836, -27.6564

# Details

The Hex color **855AA1** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **76A15A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **BB8DD8**, and **522A6D** is the 20% darker color. If you saturate the color by 10%, you get **7F4AA1**, and if you desaturate by 10%, it is **8B6AA1**.

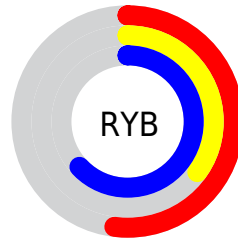
# Distribution



Red (52%)

Green (35%)

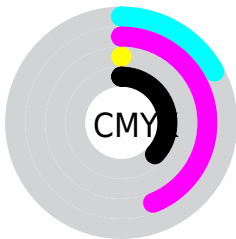
Blue (63%)



Red (52%)

Yellow (35%)

Blue (63%)

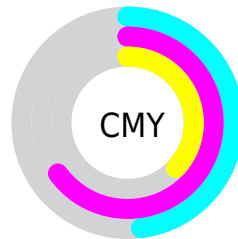


Cyan (17%)

Magenta (44%)

Yellow (0%)

Black (37%)



Cyan (48%)

Magenta (65%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 855AA1 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 855AA1 by changing the saturation by 10% instead.





855AA1



855AA1

FFFFFF



6B4287



BB8DD8



522A6D



D8A8F5



391454



F4C3FF



21003D



FFDFFF



000026



FFFCFF



00010F



000000



855AA1



855AA1



7F4AA1



8B6AA1

783AA1

927AA1

722AA1

988AA1

6C1AA1

9E9AA1

650AA1

A5ABA1

6200A1

ABBBA1

B1CBA1

B8DBA1

BEEBA1

# Harmonies

## Analogous

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



4869B4



855AA1



A64C80

# Triad

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



855AA1



8F6320



007E7D

# Complementary

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



855AA1



76A15A

# 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.



007C57



855AA1



6E6F1D

# Square

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



855AA1



A75439



447834



007C9F

# Rectangle

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



855AA1



AF4967



447834



007E70



# Sweetspot

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



855AA1



C6B6D1



5A76A1



625869



E8E8E8



696969



# Same Dimension

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



855AA1



A562D1



A15A9A



4E4952



580091



0B0012



# Inverse Universe

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



A15A76



D1628E



5AA161



52494D



910039

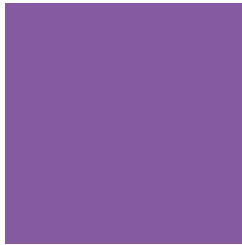


120007



# Previews

## White Background



This preview shows how the Hex color 855AA1 looks on a white background.

## Color Contrast Check

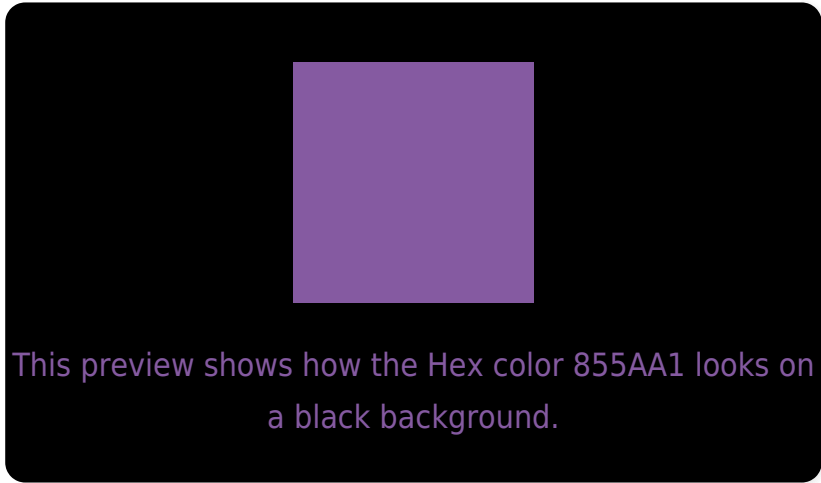
Large Text (above 18pt) WCAG AA ✓ Pass

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

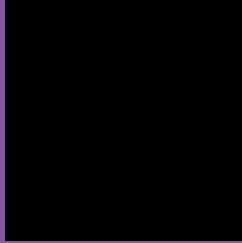
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 855AA1 Background



This preview shows how black text looks on a background with the Hex color 855AA1.

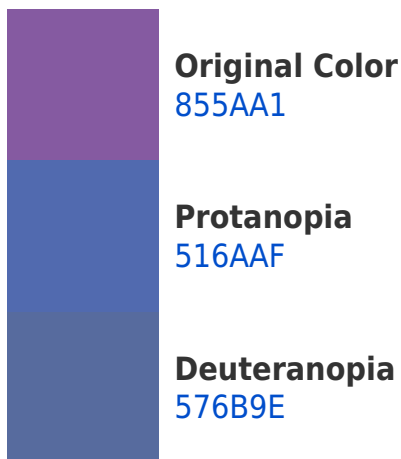



This preview shows how white text looks on a background with the Hex color 855AA1.

# 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**  
7D666D

# Trichromacy



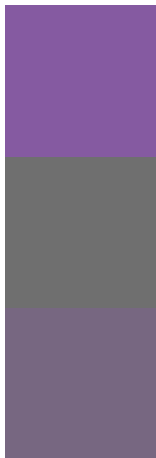
**Original Color**  
855AA1

**Protanomaly**  
6464AA

**Deuteranomaly**  
68659F

**Tritanomaly**  
806280

# Monochromacy



**Original Color**  
855AA1

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
776781

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 855AA1 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 #855AA1 looks like.

```
.text, #text, p{  
    color:#855AA1  
}
```

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 #855AA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855AA1
}
```

## Border

The CSS property to change the border of an element to Hex 855AA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

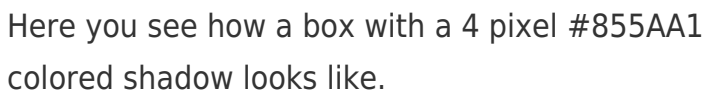
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#855AA1 }
```

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

```
.border{ border-color:#855AA1 }
```

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



Here you see how a box with a 4 pixel #855AA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855AA1; -webkit-box-shadow:4px 4px  
4px 4px #855AA1; box-shadow:4px 4px 4px  
4px #855AA1 }
```

# Background

The CSS property to change the background color of an element to Hex 855AA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855AA1 }
```

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

```
.background{ background-color:#855AA1 }
```

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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