

# Converting Colors

Hex(862A7E)

Have a look what the booklet for  
Hex(862A7E) contains.

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# Color

**Hex(862A7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	862A7E
RGB	134, 42, 126
RGB Percent	53%, 16%, 49%
CMY	0.4745, 0.8353, 0.5059
CMYK	0.00, 0.69, 0.06, 0.47
HSL	305°, 52%, 35%
HSV	305°, 69%, 53%
XYZ	14.4254, 8.2306, 20.5670
YIQ	79.0840, 27.8680, 45.6280

# Conversions

## Conversions Part 2

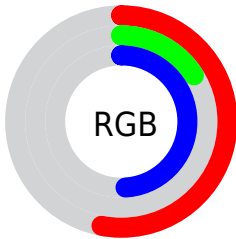
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 42, 126
Decimal	8792702
CIE <sub>Lab</sub>	34.46, 49.21, -27.76
CIE <sub>LCh</sub>	34, 56.500, 330.576
Yxy	8.2306, 0.3337, 0.1904
Android (android.graphics.Color)	4286982782 (0xFF862A7E)
YUV	79.0840, 23.1296, 48.1613
Hunter-Lab	28.6891, 39.5472, -22.4223

# Details

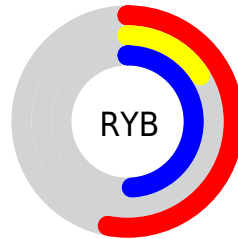
The Hex color **862A7E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2A8632**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **BE5FB3**, and **51004C** is the 20% darker color. If you saturate the color by 10%, you get **861D7D**, and if you desaturate by 10%, it is **86377F**.

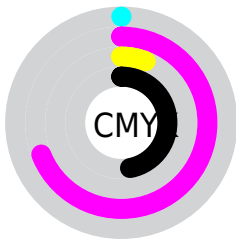
# Distribution



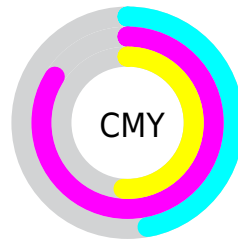
- Red (53%)
- Green (16%)
- Blue (49%)



- Red (53%)
- Yellow (16%)
- Blue (49%)



- Cyan (0%)
- Magenta (69%)
- Yellow (6%)
- Black (47%)



- Cyan (47%)
- Magenta (84%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 862A7E 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 862A7E by changing the saturation by 10% instead.



 862A7E

 862A7E

FFFFFF

 6B0865

 BE5FB3

 51004C

 DA7ACF

 380035

 F895EB

 1F0020

 FFB1FF

 000002

 FFCDFD

 000000

 FFEAFF

 862A7E

 862A7E

 861D7D

 86377F

■ 860F7C

■ 864580

■ 86027B

■ 865281

■ 86007A

■ 866083

■ 866D84

■ 867A85

■ 868886

■ 869587

■ 86A388

# Harmonies

## Analogous

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



4C449F



862A7E



9D1352

# Triad

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



862A7E



635000



00647E

# Complementary

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



862A7E



2A8632

# 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.



006451



862A7E



355B00

# Square

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



862A7E



853D00



006121



0061A0

# Rectangle

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



862A7E



9E1A35



006121



006470



# Sweetspot

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



862A7E



AD89AA



322A86



574155



D6D6D6



575757



# Same Dimension

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



862A7E



AD1FA1



862A50



423C42



820077



030002



# Inverse Universe

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



862A7E



AD1FA1



2A8660



423C42



820077



030002



# Previews

## White Background



This preview shows how the Hex color 862A7E looks on a white background.

## Color Contrast Check

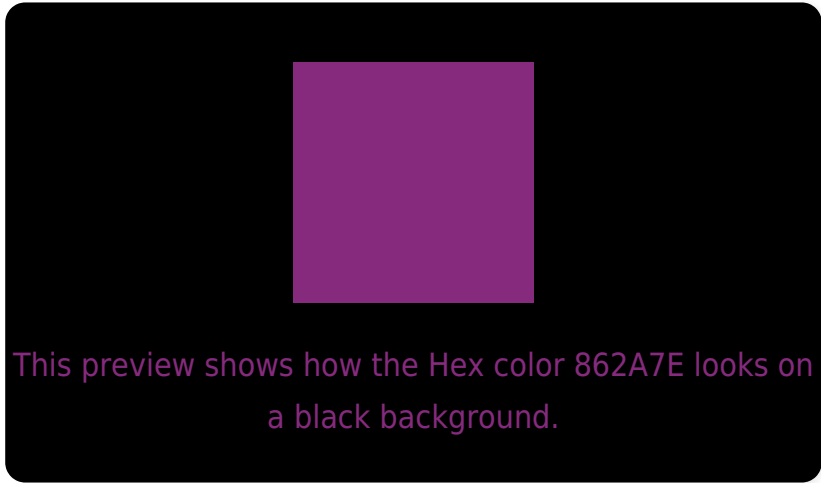
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

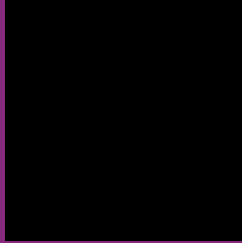
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 862A7E Background



This preview shows how black text looks on a background with the Hex color 862A7E.

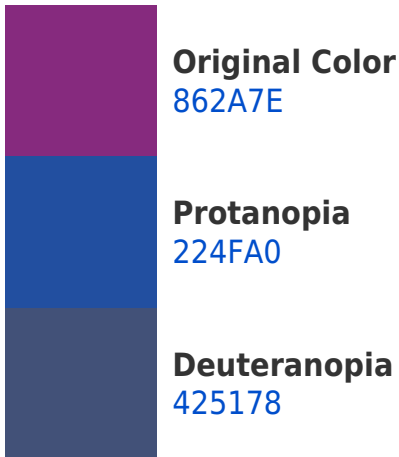


This preview shows how white text looks on a background with the Hex color 862A7E.

# 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**  
803D41

# Trichromacy



**Original Color**  
862A7E



**Protanomaly**  
464294



**Deuteranomaly**  
5B437A



**Tritanomaly**  
823657

# Monochromacy



**Original Color**  
862A7E



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
634260

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 862A7E 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 #862A7E looks like.

```
.text, #text, p{  
    color:#862A7E  
}
```

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 #862A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #862A7E
}
```

## Border

The CSS property to change the border of an element to Hex 862A7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

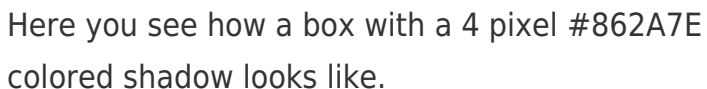
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#862A7E }
```

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

```
.border{ border-color:#862A7E }
```

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



Here you see how a box with a 4 pixel #862A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #862A7E; -webkit-box-shadow:4px 4px  
4px 4px #862A7E; box-shadow:4px 4px 4px  
4px #862A7E }
```

# Background

The CSS property to change the background color of an element to Hex 862A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#862A7E }
```

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

```
.background{ background-color:#862A7E }
```

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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