

# Converting Colors

Hex(862ED3)

Have a look what the booklet for  
Hex(862ED3) contains.

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**Color**

**Hex(862ED3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	862ED3
RGB	134, 46, 211
RGB Percent	53%, 18%, 83%
CMY	0.4745, 0.8196, 0.1725
CMYK	0.36, 0.78, 0.00, 0.17
HSL	272°, 65%, 50%
HSV	272°, 78%, 83%
XYZ	22.5664, 11.7255, 62.7019
YIQ	91.1220, -0.5170, 69.9710

# Conversions

## Conversions Part 2

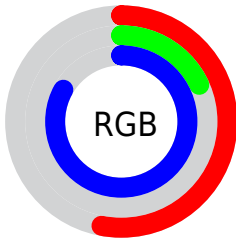
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 46, 211
Decimal	8793811
CIELab	40.78, 64.88, -68.50
CIElCh	41, 94.352, 313.445
Yxy	11.7255, 0.2327, 0.1209
Android (android.graphics.Color)	4286983891 (0xFF862ED3)
YUV	91.1220, 59.0999, 37.6040
Hunter-Lab	34.2425, 57.7103, -84.5970

# Details

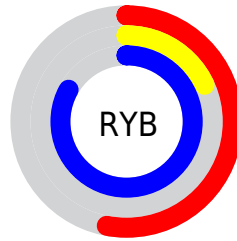
The Hex color **862ED3** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark washed purple. A complement of this color would be **7BD32E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **C166FF**, and **4B009B** is the 20% darker color. If you saturate the color by 10%, you get **7C19D3**, and if you desaturate by 10%, it is **9043D3**.

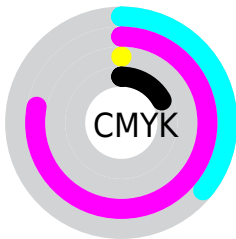
# Distribution



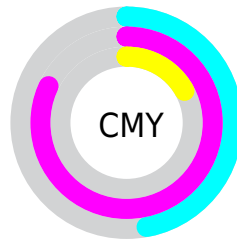
- Red (53%)
- Green (18%)
- Blue (83%)



- Red (53%)
- Yellow (18%)
- Blue (83%)



- Cyan (36%)
- Magenta (78%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (82%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 862ED3 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 862ED3 by changing the saturation by 10% instead.



 862ED3

 862ED3

FFFFFF

 6908B7

 C166FF

 4B009B

 DF81FF

 2A0080

 FD9DFF

 000066

 FFB9FF

 00004D

 FFD6FF

 000535

 FFF3FF

 00021F

 000002

 000000

■ 862ED3

■ 862ED3

■ 7C19D3

■ 9043D3

■ 7204D3

■ 9A58D3

■ 7100D3

■ A46DD3

■ AD82D3

■ B798D3

■ C1ADD3

■ CBC2D3

■ D5D7D3

■ DFECD3

# Harmonies

## Analogous

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



0061FB



862ED3



CE008E

# Triad

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



862ED3



984C00



007C83

# Complementary

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



862ED3



7BD32E

# 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.



007A30



862ED3



566800

# Square

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



862ED3



C80000



007500



007DCB

# Rectangle

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



862ED3



DD005B



007500



007C68



# Sweetspot

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



862ED3



E4C4FF



2E7BD3



6F5C80



000000



808080



# Same Dimension

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



862ED3



8F0FFF



D32ECE



645E69



5A00A8



160029



# Inverse Universe

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



D32E7B



FF0F7F



2ED333



695E63



A8004F

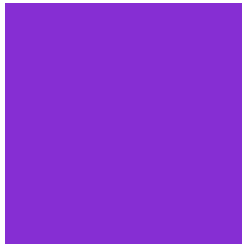


290013



# Previews

## White Background



This preview shows how the Hex color 862ED3 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

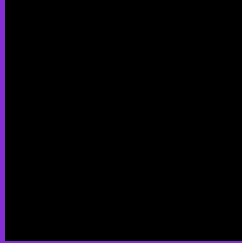
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 862ED3 Background



This preview shows how black text looks on a background with the Hex color 862ED3.

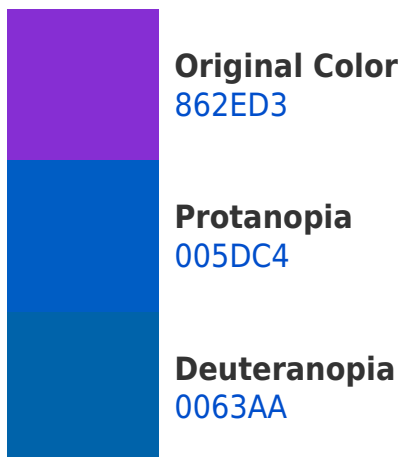


This preview shows how white text looks on a background with the Hex color 862ED3.

# 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](#).

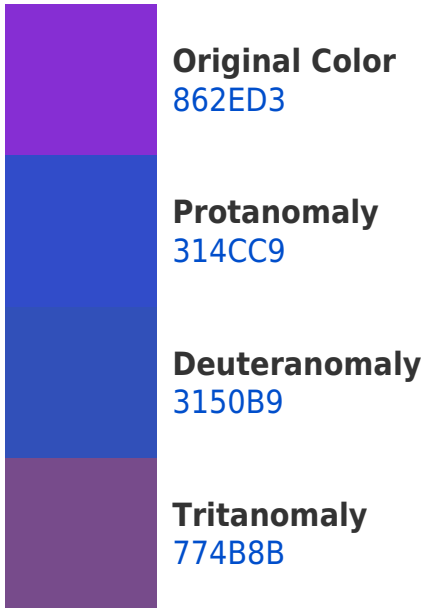
## Dichromacy



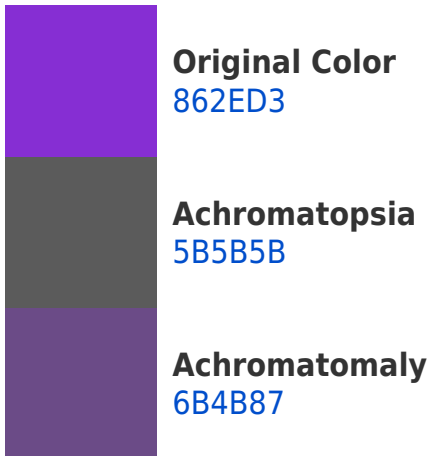


**Tritanopia**  
6F5B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 862ED3 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 #862ED3 looks like.

```
.text, #text, p{  
    color:#862ED3  
}
```

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 #862ED3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #862ED3
}
```

## Border

The CSS property to change the border of an element to Hex 862ED3 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
#862ED3 }
```

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

```
.border{ border-color:#862ED3 }
```

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

Here you see how a box with a 4 pixel #862ED3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #862ED3; -webkit-box-shadow:4px 4px  
4px 4px #862ED3; box-shadow:4px 4px 4px  
4px #862ED3 }
```

# Background

The CSS property to change the background color of an element to Hex 862ED3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#862ED3 }
```

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

```
.background{ background-color:#862ED3 }
```

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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