

# Converting Colors

Hex(862B98)

Have a look what the booklet for  
Hex(862B98) contains.

<b>Hex(862B98)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(862B98)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	862B98
RGB	134, 43, 152
RGB Percent	53%, 17%, 60%
CMY	0.4745, 0.8314, 0.4039
CMYK	0.12, 0.72, 0.00, 0.40
HSL	290°, 56%, 38%
HSV	290°, 72%, 60%
XYZ	16.3629, 9.0631, 30.5927
YIQ	82.6350, 19.2470, 53.1910

# Conversions

## Conversions Part 2

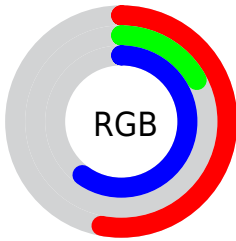
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 43, 152</a>
Decimal	<a href="#">8792984</a>
CIELab	<a href="#">36.11, 53.56, -41.16</a>
CIElCh	<a href="#">36, 67.543, 322.459</a>
Yxy	<a href="#">9.0631, 0.2921, 0.1618</a>
Android (android.graphics.Color)	<a href="#">4286983064 (0xFF862B98)</a>
YUV	<a href="#">82.6350, 34.1969, 45.0471</a>
Hunter-Lab	<a href="#">30.1050, 44.3361, -39.1771</a>

# Details

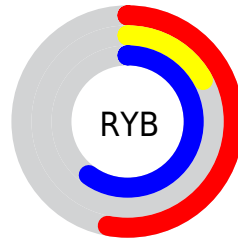
The Hex color **862B98** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3D982B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **BE61CF**, and **500064** is the 20% darker color. If you saturate the color by 10%, you get **831C98**, and if you desaturate by 10%, it is **893A98**.

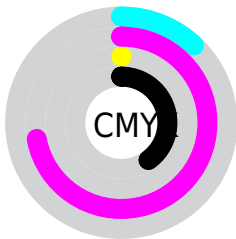
# Distribution



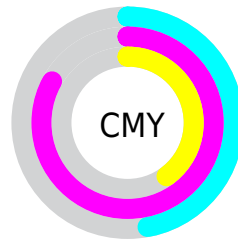
- Red (53%)
- Green (17%)
- Blue (60%)



- Red (53%)
- Yellow (17%)
- Blue (60%)



- Cyan (12%)
- Magenta (72%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (83%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 862B98 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 862B98 by changing the saturation by 10% instead.



 862B98

 862B98

FFFFFF

 6B087E

 BE61CF

 500064

 DB7CEB

 36004C

 F897FF

 1E0034

 FFB3FF

 00021E

 FFCFFF

 000000

 FFECFF

 862B98

 862B98

 831C98

 893A98

810D98

8B4998

7F0098

8E5998

906898

937798

958698

989598

9AA598

9DB498

# Harmonies

## Analogous

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



164DBB



862B98



AB0065

# Triad

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



862B98



744E00



006B7D

# Complementary

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



862B98



3D982B

# 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.



006A45



862B98



425E00

# Square

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



862B98



993200



006601



0069AB

# Rectangle

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



862B98



B00041



006601



006B6B



# Sweetspot

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



862B98



BD99C4



2B3D98



5F4A63



E3E3E3



636363



# Same Dimension

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



862B98



A81BC4



982B74



4B454D



75008C



0B000D



# Inverse Universe

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



982B3D



C41B37



2B984F



4D4546



8C0017

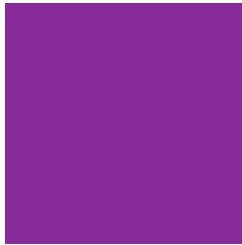


0D0002



# Previews

## White Background



This preview shows how the Hex color 862B98 looks on a white background.

## Color Contrast Check

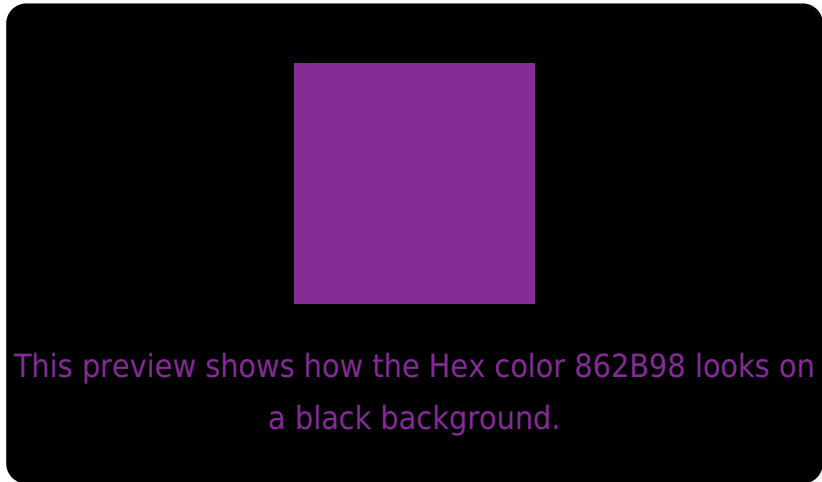
Large Text (above 18pt) WCAG AA ✓ Pass

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

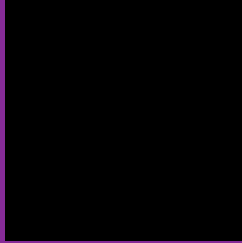
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 862B98 Background



This preview shows how black text looks on a background with the Hex color 862B98.

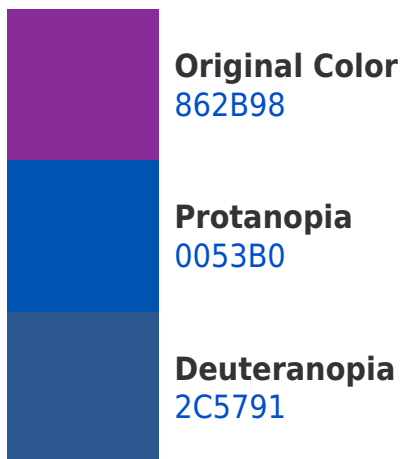


This preview shows how white text looks on a background with the Hex color 862B98.

# 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**  
7C464B

# Trichromacy



**Original Color**  
862B98



**Protanomaly**  
3144A7



**Deuteranomaly**  
4D4794

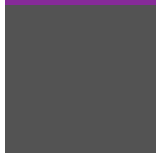


**Tritanomaly**  
803C67

# Monochromacy



**Original Color**  
862B98



**Achromatopsia**  
535353



**Achromatomaly**  
66446C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 862B98 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 #862B98 looks like.

```
.text, #text, p{  
    color:#862B98  
}
```

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 #862B98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #862B98
}
```

## Border

The CSS property to change the border of an element to Hex 862B98 is called "border". The border property can be set on classes, ids or directly on the HTML element.

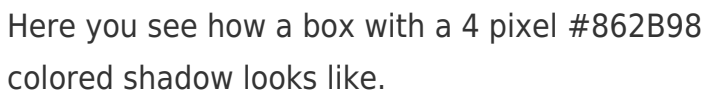
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#862B98 }
```

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

```
.border{ border-color:#862B98 }
```

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



Here you see how a box with a 4 pixel #862B98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #862B98; -webkit-box-shadow:4px 4px  
4px 4px #862B98; box-shadow:4px 4px 4px  
4px #862B98 }
```

# Background

The CSS property to change the background color of an element to Hex 862B98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#862B98 }
```

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

```
.background{ background-color:#862B98 }
```

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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