

Converting Colors

Hex(865E9B)

Have a look what the booklet for
Hex(865E9B) contains.

Hex(865E9B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(865E9B)

Conversions

Conversions Part 1

Format	Color
Hex	865E9B
RGB	134, 94, 155
RGB Percent	53%, 37%, 61%
CMY	0.4745, 0.6314, 0.3922
CMYK	0.14, 0.39, 0.00, 0.39
HSL	279°, 24%, 49%
HSV	279°, 39%, 61%
XYZ	19.7506, 15.4403, 32.9497
YIQ	112.9140, 4.2590, 27.4510

Conversions

Conversions Part 2

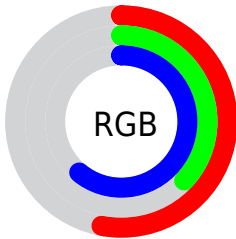
Format	Color
RYB	134, 94, 155
Decimal	8806043
CIELab	46.23, 27.91, -26.98
CIELCh	46, 38.821, 315.977
Yxy	15.4403, 0.2899, 0.2266
Android (android.graphics.Color)	4286996123 (0xFF865E9B)
YUV	112.9140, 20.7484, 18.4924
Hunter-Lab	39.2941, 20.9556, -22.2110

Details

The Hex color **865E9B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **739B5E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BC91D2**, and **532F68** is the 20% darker color. If you saturate the color by 10%, you get **814F9B**, and if you desaturate by 10%, it is **8B6E9B**.

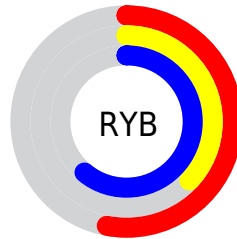
Distribution



Red (53%)

Green (37%)

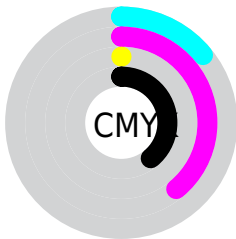
Blue (61%)



Red (53%)

Yellow (37%)

Blue (61%)

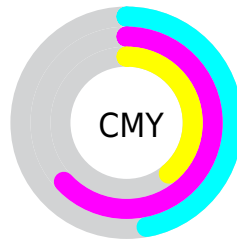


Cyan (14%)

Magenta (39%)

Yellow (0%)

Black (39%)



Cyan (47%)

Magenta (63%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 865E9B 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 865E9B by changing the saturation by 10% instead.

 865E9B

 865E9B

FFFFFF

 6C4681

 BC91D2

 532F68

 D8ACEE

 3B184F

 F5C7FF

 230238

 FFE4FF

 060022

 000008

 000000

 865E9B

 865E9B

 814F9B

 8B6E9B

 7B3F9B

 917D9B

 76309B

 968C9B

 71209B

 9B9C9B

 6B119B

 A1AB9B

 66019B

 A6BB9B

 66009B

 ABCB9B

 B1DA9B

 B6EA9B

Harmonies

Analogous

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



566BAC



865E9B



A2547E

Triad

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



865E9B



8D662D



007E7E

Complementary

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



865E9B



739B5E

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.



037D5D



865E9B



6F712C

Square

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



865E9B



A25A40



4B793E



007C9B

Rectangle

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



865E9B



AA5168



4B793E



007E73

Sweetspot

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



865E9B



C1B1C9



5E739B



615866



E6E6E6



666666

Same Dimension

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



865E9B



A96BC9



9B5E92



4A454D



5C008C



08000D

Inverse Universe

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



9B5E73



C96B8B



5E9B67



4D4547



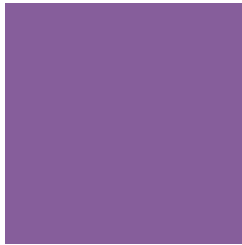
8C0030



0D0004

Previews

White Background



This preview shows how the Hex color 865E9B looks on a white background.

Color Contrast Check

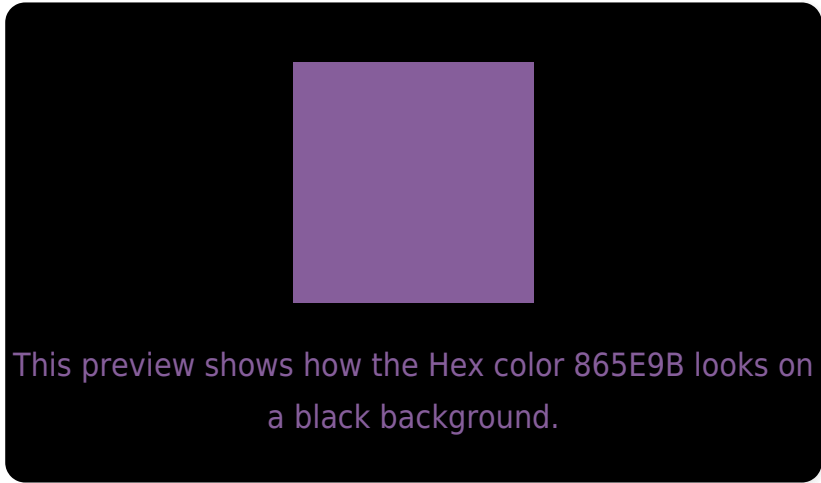
Large Text (above 18pt) WCAG AA ✓ Pass

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

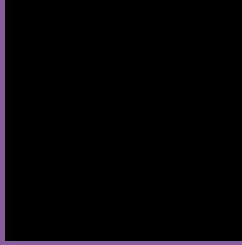
Any Text WCAG AA × Fail

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 865E9B Background



This preview shows how black text looks on a background with the Hex color 865E9B.

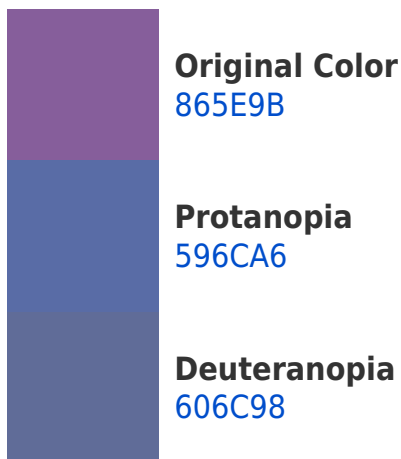



This preview shows how white text looks on a background with the Hex color 865E9B.

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](#).

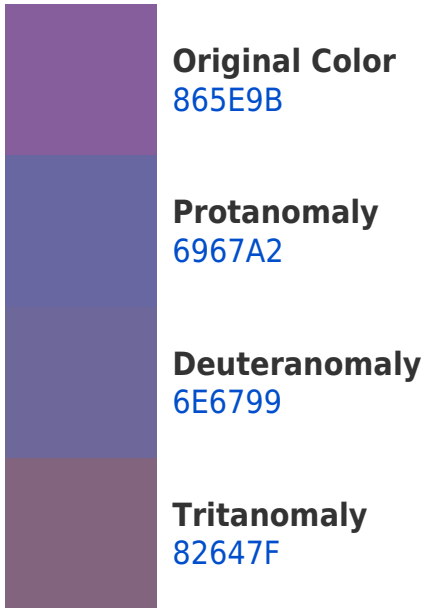
Dichromacy



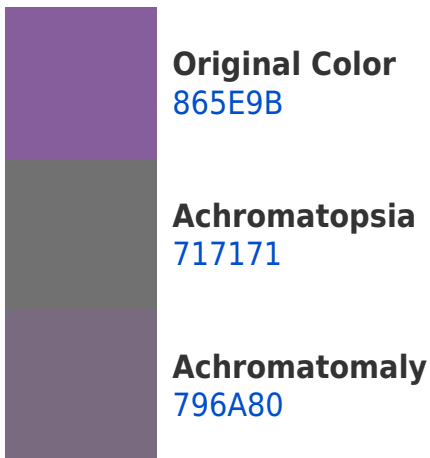


Tritanopia
7F676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 865E9B 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 #865E9B looks like.

```
.text, #text, p{  
    color:#865E9B  
}
```

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 #865E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865E9B
}
```

Border

The CSS property to change the border of an element to Hex 865E9B is called "border". The border property can be set on classes, ids or directly on the HTML element.

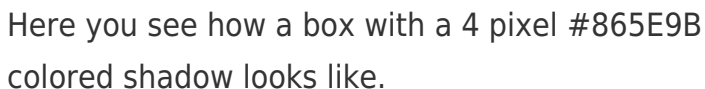
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#865E9B }
```

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

```
.border{ border-color:#865E9B }
```

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



Here you see how a box with a 4 pixel #865E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865E9B; -webkit-box-shadow:4px 4px  
4px 4px #865E9B; box-shadow:4px 4px 4px  
4px #865E9B }
```

Background

The CSS property to change the background color of an element to Hex 865E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865E9B }
```

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

```
.background{ background-color:#865E9B }
```

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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