

# Converting Colors

Hex(875B85)

Have a look what the booklet for  
Hex(875B85) contains.

<b>Hex(875B85)</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(875B85)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	875B85
RGB	135, 91, 133
RGB Percent	53%, 36%, 52%
CMY	0.4706, 0.6431, 0.4784
CMYK	0.00, 0.33, 0.01, 0.47
HSL	303°, 19%, 44%
HSV	303°, 33%, 53%
XYZ	17.9664, 14.3265, 24.0087
YIQ	108.9440, 12.7420, 22.3900

# Conversions

## Conversions Part 2

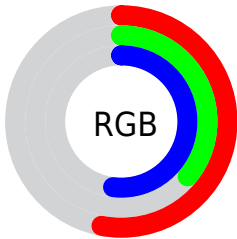
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 91, 133
Decimal	8870789
CIE <sub>Lab</sub>	44.70, 25.33, -16.18
CIE <sub>LCh</sub>	45, 30.051, 327.432
Yxy	14.3265, 0.3191, 0.2545
Android (android.graphics.Color)	4287060869 (0xFF875B85)
YUV	108.9440, 11.8596, 22.8511
Hunter-Lab	37.8504, 18.4902, -11.1126

# Details

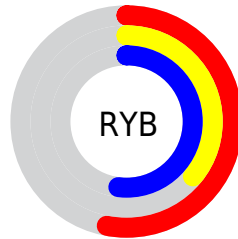
The Hex color **875B85** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B875D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BD8EBA**, and **542C53** is the 20% darker color. If you saturate the color by 10%, you get **874E84**, and if you desaturate by 10%, it is **876986**.

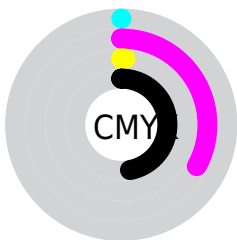
# Distribution



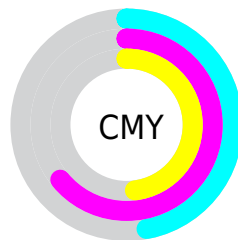
- Red (53%)
- Green (36%)
- Blue (52%)



- Red (53%)
- Yellow (36%)
- Blue (52%)



- Cyan (0%)
- Magenta (33%)
- Yellow (1%)
- Black (47%)



- Cyan (47%)
- Magenta (64%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 875B85 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 875B85 by changing the saturation by 10% instead.



875B85

875B85

FFFFFF

6D436C

BD8EBA

542C53

D9A9D6

3C163C

F6C4F2

260026

FFE0FF

000010

FFFDFF

000000

875B85

875B85

874E84

876986

874084

877686

■ 873383

■ 878487

■ 872583

■ 879187

■ 871882

■ 879F88

■ 870A81

■ 87AC89

■ 870081

■ 87BA89

■ 87C78A

■ 87D48B

# Harmonies

## Analogous

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



696496



875B85



97566D

# Triad

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



875B85



7B6837



007680

# Complementary

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



875B85



5B875D

# 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.



1B7767



875B85



626F3C

# Square

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



875B85



8F5F40



44744E



007393

# Rectangle

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



875B85



9A565C



44744E



007778



# Sweetspot

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



875B85



B09EAF



5C5B87



594F59



D9D9D9



595959



# Same Dimension

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



875B85



B06BAD



875B70



423C42



82007C



030002



# Inverse Universe

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



875B85



B06BAD



5B8772



423C42



82007C

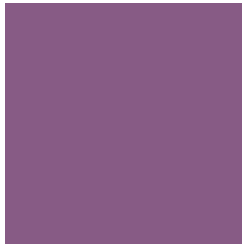


030002



# Previews

## White Background



This preview shows how the Hex color 875B85 looks on a white background.

## Color Contrast Check

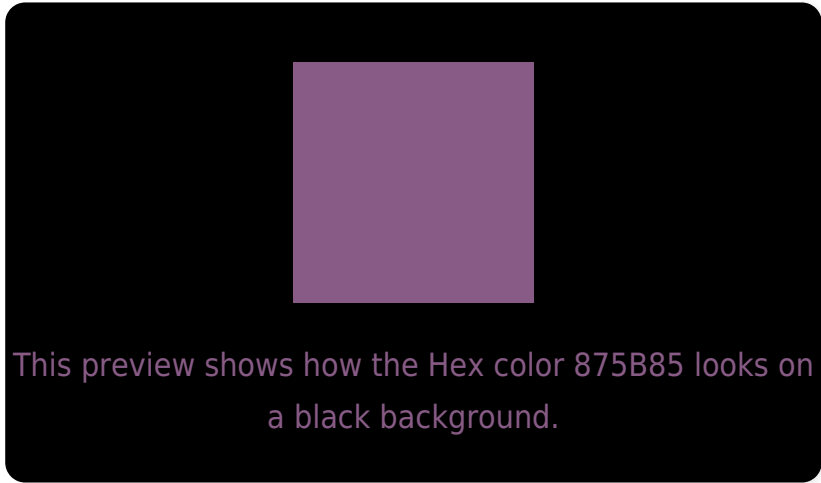
Large Text (above 18pt) WCAG AA ✓ Pass

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 875B85 Background



This preview shows how black text looks on a background with the Hex color 875B85.

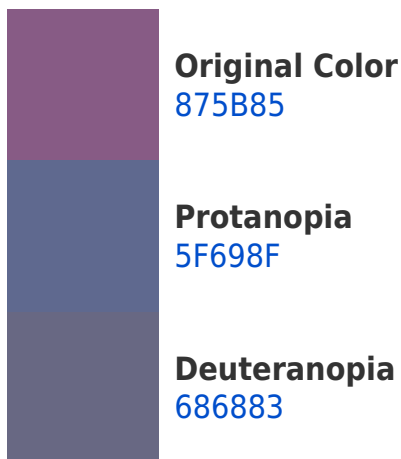



This preview shows how white text looks on a background with the Hex color 875B85.

# 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**  
836168

# Trichromacy



**Original Color**  
875B85

**Protanomaly**  
6E648B

**Deuteranomaly**  
736384

**Tritanomaly**  
845F73

# Monochromacy



**Original Color**  
875B85

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
766676

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 875B85 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 #875B85 looks like.

```
.text, #text, p{  
    color:#875B85  
}
```

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 #875B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875B85
}
```

## Border

The CSS property to change the border of an element to Hex 875B85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

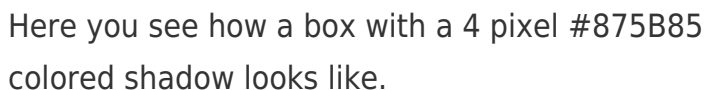
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#875B85 }
```

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

```
.border{ border-color:#875B85 }
```

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



Here you see how a box with a 4 pixel #875B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875B85; -webkit-box-shadow:4px 4px  
4px 4px #875B85; box-shadow:4px 4px 4px  
4px #875B85 }
```

# Background

The CSS property to change the background color of an element to Hex 875B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875B85 }
```

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

```
.background{ background-color:#875B85 }
```

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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