

# Converting Colors

Hex(875C8C)

Have a look what the booklet for  
Hex(875C8C) contains.

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# Color

Hex(875C8C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	875C8C
RGB	135, 92, 140
RGB Percent	53%, 36%, 55%
CMY	0.4706, 0.6392, 0.4510
CMYK	0.04, 0.34, 0.00, 0.45
HSL	294°, 21%, 45%
HSV	294°, 34%, 55%
XYZ	18.5524, 14.6986, 26.6702
YIQ	110.3290, 10.2200, 24.0440

# Conversions

## Conversions Part 2

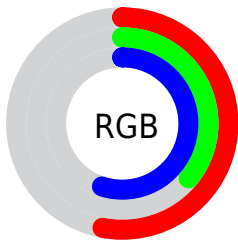
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 92, 140
Decimal	8871052
CIE <sub>Lab</sub>	45.22, 26.17, -19.59
CIE <sub>LCh</sub>	45, 32.686, 323.182
Yxy	14.6986, 0.3096, 0.2453
Android (android.graphics.Color)	4287061132 (0xFF875C8C)
YUV	110.3290, 14.6278, 21.6365
Hunter-Lab	38.3388, 19.2846, -14.4077

# Details

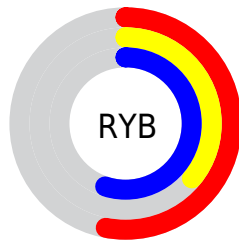
The Hex color **875C8C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **618C5C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BD8FC2**, and **542D5A** is the 20% darker color. If you saturate the color by 10%, you get **864E8C**, and if you desaturate by 10%, it is **886A8C**.

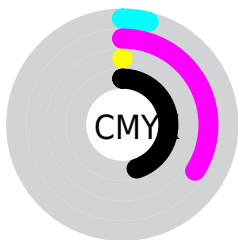
# Distribution



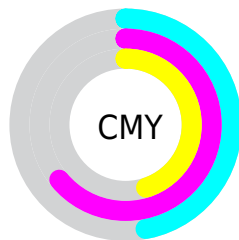
- Red (53%)
- Green (36%)
- Blue (55%)



- Red (53%)
- Yellow (36%)
- Blue (55%)



- Cyan (4%)
- Magenta (34%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (64%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 875C8C 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 875C8C by changing the saturation by 10% instead.





875C8C



875C8C

FFFFFF



6D4472



BD8FC2



542D5A



D9AADE



3C1642



F6C5FA



26002C



FFE1FF



010017

FFFEFF



000000



875C8C



875C8C



864E8C



886A8C



84408C



8A788C

83328C

8B868C

81248C

8D948C

80168C

8EA28C

7E088C

90B08C

7D008C

91BE8C

93CC8C

94DA8C

# Harmonies

## Analogous

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



64669D



875C8C



9B5572

# Triad

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



875C8C



816734



007980

# Complementary

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



875C8C



618C5C

# 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.



167964



875C8C



677037

# Square

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



875C8C



955E40



467649



007696

# Rectangle

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



875C8C



9F5560



467649



007977



# Sweetspot

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



875C8C



B3A3B5



5C628C



5B515C



DBDBDB



5C5C5C



# Same Dimension

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



875C8C



AD6BB5



8C5C7A



443E45



770085



050005



# Inverse Universe

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



8C5C61



B56B73



5C8C6E



453E3F



85000E

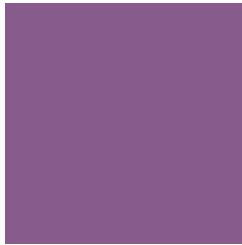


050001



# Previews

## White Background



This preview shows how the Hex color 875C8C looks on a white background.

## Color Contrast Check

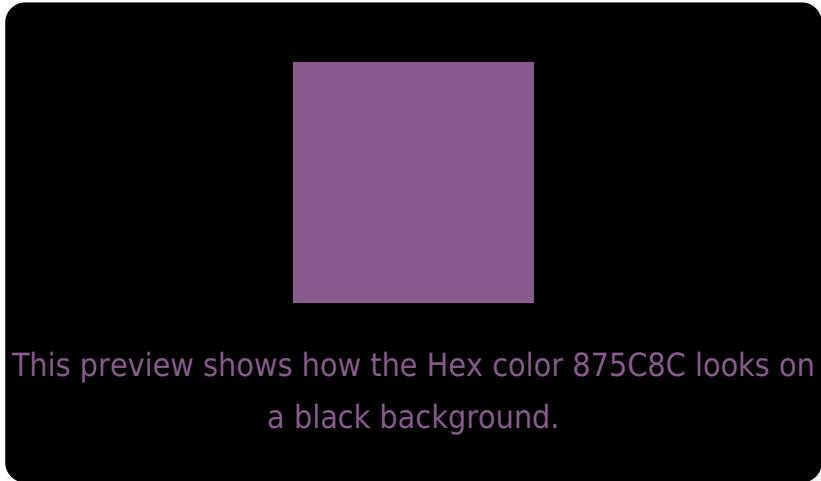
Large Text (above 18pt) WCAG AA ✓ Pass

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

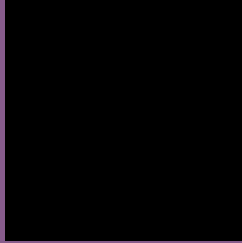
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 875C8C Background



This preview shows how black text looks on a background with the Hex color 875C8C.



This preview shows how white text looks on a background with the Hex color 875C8C.

# 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



**Original Color**  
875C8C

**Protanopia**  
5E6A96

**Deuteranopia**  
666989



**Tritanopia**  
82636A

# Trichromacy



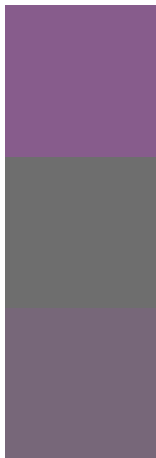
**Original Color**  
875C8C

**Protanomaly**  
6D6592

**Deuteranomaly**  
72648A

**Tritanomaly**  
846076

# Monochromacy



**Original Color**  
875C8C

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
776779

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 875C8C 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 #875C8C looks like.

```
.text, #text, p{  
    color:#875C8C  
}
```

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 #875C8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875C8C
}
```

## Border

The CSS property to change the border of an element to Hex 875C8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

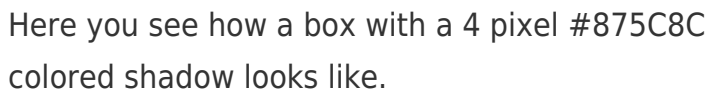
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#875C8C }
```

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

```
.border{ border-color:#875C8C }
```

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



Here you see how a box with a 4 pixel #875C8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875C8C; -webkit-box-shadow:4px 4px  
4px 4px #875C8C; box-shadow:4px 4px 4px  
4px #875C8C }
```

# Background

The CSS property to change the background color of an element to Hex 875C8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875C8C }
```

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

```
.background{ background-color:#875C8C }
```

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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