

# Converting Colors

Hex(885A8C)

Have a look what the booklet for  
Hex(885A8C) contains.

<b>Hex(885A8C)</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(885A8C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	885A8C
RGB	136, 90, 140
RGB Percent	53%, 35%, 55%
CMY	0.4667, 0.6471, 0.4510
CMYK	0.03, 0.36, 0.00, 0.45
HSL	295°, 22%, 45%
HSV	295°, 36%, 55%
XYZ	18.5431, 14.4400, 26.6208
YIQ	109.4540, 11.3660, 25.3020

# Conversions

## Conversions Part 2

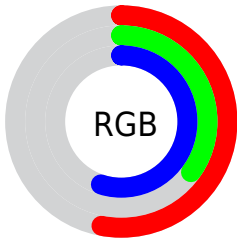
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 90, 140
Decimal	8936076
CIE <sub>Lab</sub>	44.86, 27.67, -20.13
CIE <sub>LCh</sub>	45, 34.223, 323.965
Yxy	14.4400, 0.3111, 0.2423
Android (android.graphics.Color)	4287126156 (0xFF885A8C)
YUV	109.4540, 15.0592, 23.2808
Hunter-Lab	38.0000, 20.6038, -14.9354

# Details

The Hex color **885A8C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5E8C5A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BE8DC2**, and **552B5A** is the 20% darker color. If you saturate the color by 10%, you get **874C8C**, and if you desaturate by 10%, it is **89688C**.

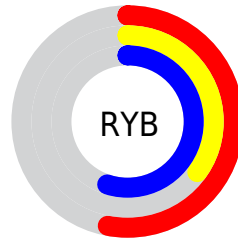
# Distribution



Red (53%)

Green (35%)

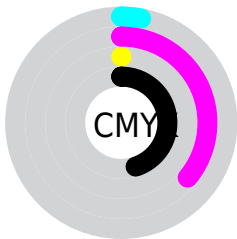
Blue (55%)



Red (53%)

Yellow (35%)

Blue (55%)

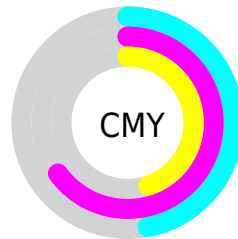


Cyan (3%)

Magenta (36%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (65%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 885A8C 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 885A8C by changing the saturation by 10% instead.



885A8C

885A8C

FFFFFF

6E4272

BE8DC2

552B5A

DAA8DE

3D1442

F7C3FA

26002C

FFDFFF

010017

FFFCFF

000000

885A8C

885A8C

874C8C

89688C

863E8C

8A768C

85308C

8B848C

84228C

8C928C

82148C

8EA08C

81068C

8FAE8C

81008C

90BC8C

91CA8C

92D88C

# Harmonies

## Analogous

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



63659E



885A8C



9C5371

# Triad

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



885A8C



806730



007880

# Complementary

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



885A8C



5E8C5A

# 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.



027863



885A8C



646F34

# Square

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



885A8C



955C3D



427547



007598

# Rectangle

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



885A8C



A0535E



427547



007977



# Sweetspot

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



885A8C



B3A1B5



5A5E8C



5B505C



DBDBDB



5C5C5C



# Same Dimension

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



885A8C



AF67B5



8C5A77



443E45



7A0085



050005



# Inverse Universe

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



8C5A5E



B5676D



5A8C6F



453E3F



85000B

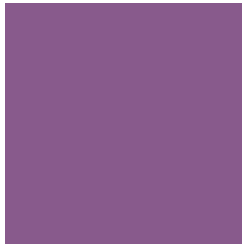


050000



# Previews

## White Background



This preview shows how the Hex color 885A8C looks on a white background.

## Color Contrast Check

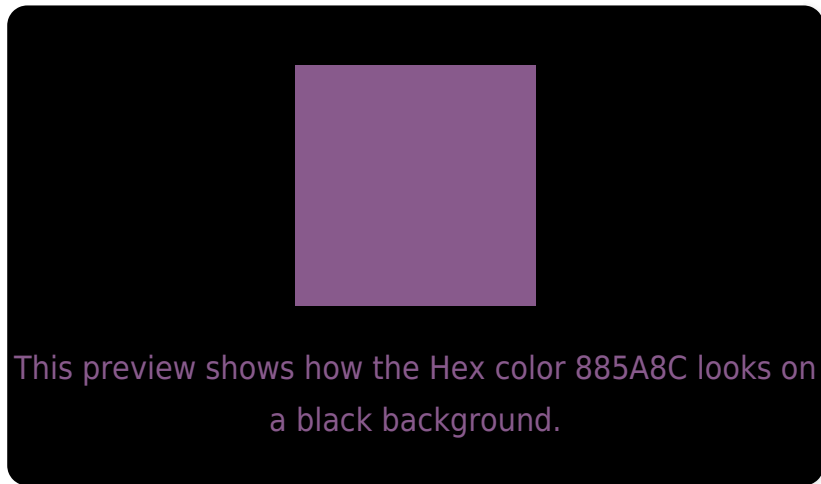
Large Text (above 18pt) WCAG AA ✓ Pass

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

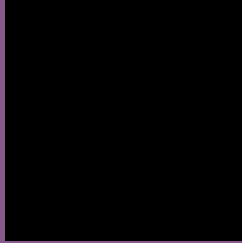
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 885A8C Background



This preview shows how black text looks on a background with the Hex color 885A8C.



This preview shows how white text looks on a background with the Hex color 885A8C.

# 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**  
885A8C

**Protanopia**  
5C6997

**Deuteranopia**  
646989



**Tritanopia**  
836169

# Trichromacy



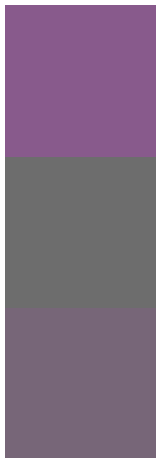
**Original Color**  
885A8C

**Protanomaly**  
6C6493

**Deuteranomaly**  
71648A

**Tritanomaly**  
855E76

# Monochromacy



**Original Color**  
885A8C

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
776678

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 885A8C 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 #885A8C looks like.

```
.text, #text, p{  
    color:#885A8C  
}
```

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 #885A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #885A8C
}
```

## Border

The CSS property to change the border of an element to Hex 885A8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

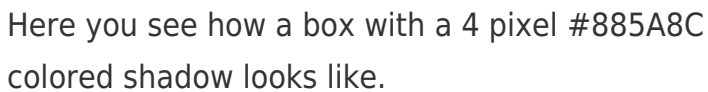
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#885A8C }
```

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

```
.border{ border-color:#885A8C }
```

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



Here you see how a box with a 4 pixel #885A8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #885A8C; -webkit-box-shadow:4px 4px  
4px 4px #885A8C; box-shadow:4px 4px 4px  
4px #885A8C }
```

# Background

The CSS property to change the background color of an element to Hex 885A8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#885A8C }
```

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

```
.background{ background-color:#885A8C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor