

# Converting Colors

Hex(856B85)

Have a look what the booklet for  
Hex(856B85) contains.

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# Color

**Hex(856B85)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	856B85
RGB	133, 107, 133
RGB Percent	52%, 42%, 52%
CMY	0.4784, 0.5804, 0.4784
CMYK	0.00, 0.20, 0.00, 0.48
HSL	300°, 11%, 47%
HSV	300°, 20%, 52%
XYZ	19.1642, 17.1954, 24.4993
YIQ	117.7380, 7.1500, 13.5980

# Conversions

## Conversions Part 2

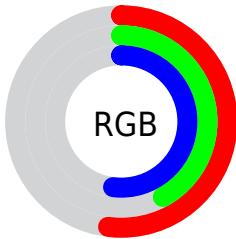
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 107, 133
Decimal	8743813
CIE <sub>Lab</sub>	48.51, 15.15, -10.43
CIE <sub>LCh</sub>	49, 18.395, 325.463
Yxy	17.1954, 0.3149, 0.2825
Android (android.graphics.Color)	4286933893 (0xFF856B85)
<b>YUV</b>	117.7380, 7.5242, 13.3848
Hunter-Lab	41.4673, 9.9263, -6.0020

# Details

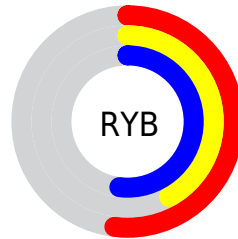
The Hex color **856B85** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6B856B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BA9FBA**, and **533B53** is the 20% darker color. If you saturate the color by 10%, you get **855E85**, and if you desaturate by 10%, it is **857885**.

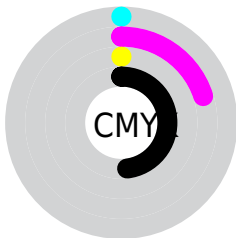
# Distribution



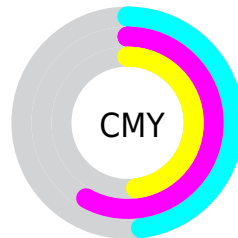
- Red (52%)
- Green (42%)
- Blue (52%)



- Red (52%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 856B85 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 856B85 by changing the saturation by 10% instead.





856B85



856B85

FFFFFF



6C536C



BA9FBA



533B53



D6BAD6



3C253C



F3D5F2



261127



FFF2FF



0D0012



000000



856B85



856B85



855E85



857885



855085



858685

 854385

 859385

 853685

 85A085

 852985

 85AE85

 851B85

 85BB85

 850E85

 85C885

 850185

 85D585

 850085

 85E385

# Harmonies

## Analogous

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



73708F



856B85



906876

# Triad

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



856B85



817154



467C80

# Complementary

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



856B85



6B856B

# 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.



4F7C70



856B85



717657

# Square

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



856B85



8D6C5A



5F7A61



4B798C

# Rectangle

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



856B85



93686C



5F7A61



487C7B



# Sweetspot

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



856B85



ADA3AD



6B6B85



575157



D6D6D6



575757



# Same Dimension

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



856B85



AD86AD



856B78



423C42



820082



030003



# Inverse Universe

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



856B85



AD86AD



6B8578



423C42



820082

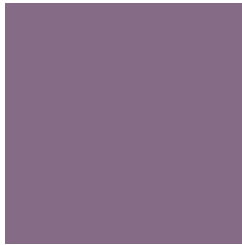


030003



# Previews

## White Background



This preview shows how the Hex color 856B85 looks on a white background.

## Color Contrast Check

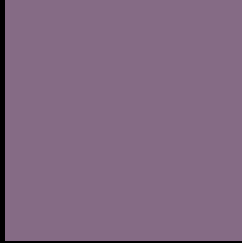
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 856B85 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

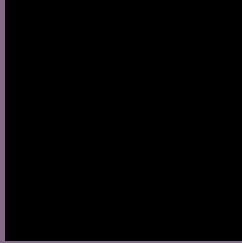
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 856B85 Background



This preview shows how black text looks on a background with the Hex color 856B85.



This preview shows how white text looks on a background with the Hex color 856B85.

# 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**  
856B85

**Protanopia**  
6E728A

**Deuteranopia**  
777084



**Tritanopia**  
836E76

# Trichromacy



**Original Color**  
856B85

**Protanomaly**  
766F88

**Deuteranomaly**  
7C6E84

**Tritanomaly**  
846D7B

# Monochromacy



**Original Color**  
856B85

**Achromatopsia**  
767676

**Achromatomaly**  
7B727B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 856B85 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 #856B85 looks like.

```
.text, #text, p{  
    color:#856B85  
}
```

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 #856B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856B85
}
```

## Border

The CSS property to change the border of an element to Hex 856B85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

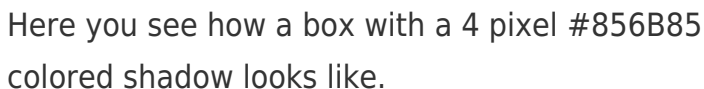
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#856B85 }
```

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

```
.border{ border-color:#856B85 }
```

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



Here you see how a box with a 4 pixel #856B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856B85; -webkit-box-shadow:4px 4px  
4px 4px #856B85; box-shadow:4px 4px 4px  
4px #856B85 }
```

# Background

The CSS property to change the background color of an element to Hex 856B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856B85 }
```

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

```
.background{ background-color:#856B85 }
```

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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