

Converting Colors

Hex(836485)

Have a look what the booklet for
Hex(836485) contains.

Hex(836485)	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(836485)

Conversions

Conversions Part 1

Format	Color
Hex	836485
RGB	131, 100, 133
RGB Percent	51%, 39%, 52%
CMY	0.4863, 0.6078, 0.4784
CMYK	0.02, 0.25, 0.00, 0.48
HSL	296°, 14%, 46%
HSV	296°, 25%, 52%
XYZ	18.1509, 15.6331, 24.2511
YIQ	113.0310, 7.8830, 16.8350

Conversions

Conversions Part 2

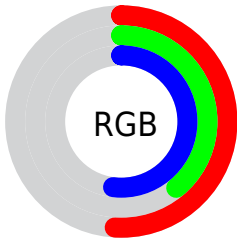
Format	Color
R_{YB}	131, 100, 133
Decimal	8610949
CIE _{Lab}	46.49, 18.58, -13.49
CIE _{LCh}	46, 22.963, 324.015
Yxy	15.6331, 0.3128, 0.2694
Android (android.graphics.Color)	4286801029 (0xFF836485)
YUV	113.0310, 9.8447, 15.7588
Hunter-Lab	39.5387, 12.7506, -8.6885

Details

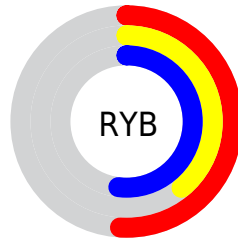
The Hex color **836485** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **668564**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B897BA**, and **513553** is the 20% darker color. If you saturate the color by 10%, you get **825785**, and if you desaturate by 10%, it is **847185**.

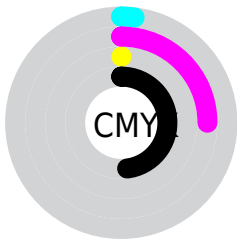
Distribution



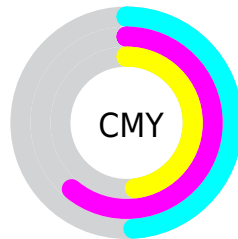
- Red (51%)
- Green (39%)
- Blue (52%)



- Red (51%)
- Yellow (39%)
- Blue (52%)



- Cyan (2%)
- Magenta (25%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (61%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836485 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 836485 by changing the saturation by 10% instead.



836485



836485

FFFFFF



6A4C6C



B897BA



513553



D4B2D6



3A1F3C



F1CEF2



240A26



FFEAFF



000011



000000



836485



836485



825785



847185



814985



857F85

 813C85

 858C85


 802F85

 869985

 7F2185

 87A785

 7E1485

 88B485

 7D0785

 89C185

 7D0085

 89CE85

 8ADC85

Harmonies

Analogous

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



6B6B91



836485



916073

Triad

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



836485



7F6C48



2F787D

Complementary

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



836485



668564

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.



3F7869



836485



6B724B

Square

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



836485



8E6550



557657



35768D

Rectangle

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



836485



956066



557657



337977

Sweetspot

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



836485



ADA1AD



646685



565057



D6D6D6



575757

Same Dimension

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



836485



AA79AD



856477



423C42



7A0082



020003

Inverse Universe

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



856466



AD797D



648572



423C3C



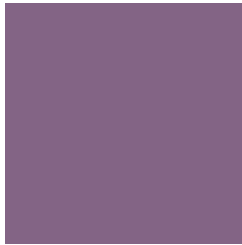
820008



030000

Previews

White Background



This preview shows how the Hex color 836485 looks on a white background.

Color Contrast Check

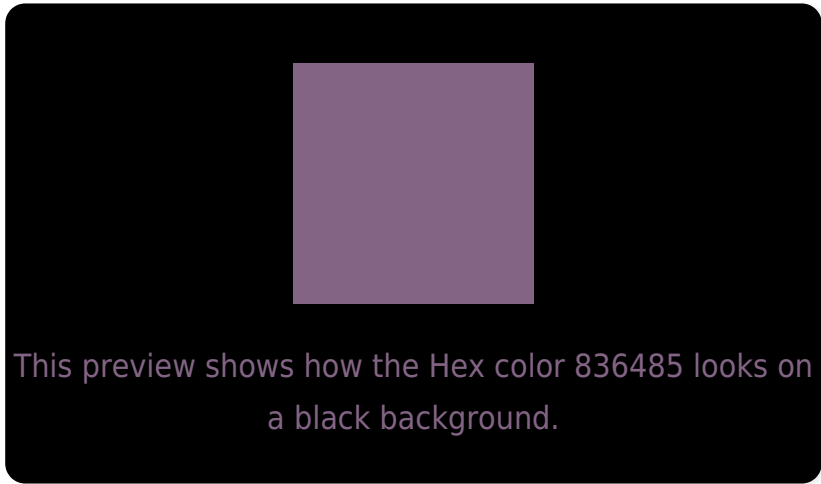
Large Text (above 18pt) WCAG AA ✓ Pass

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

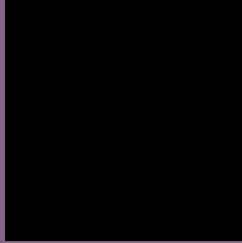
Any Text WCAG AA × Fail

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 836485 Background



This preview shows how black text looks on a background with the Hex color 836485.



This preview shows how white text looks on a background with the Hex color 836485.

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
836485

Protanopia
676D8B

Deuteranopia
6F6C84



Tritanopia
806870

Trichromacy



Original Color
836485

Protanomaly
716A89

Deuteranomaly
766984

Tritanomaly
816778

Monochromacy



Original Color
836485

Achromatopsia
717171

Achromatomaly
786C78

CSS Examples

Text

The CSS property to change the color of the text to Hex 836485 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 #836485 looks like.

```
.text, #text, p{  
    color:#836485  
}
```

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 #836485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836485
}
```

Border

The CSS property to change the border of an element to Hex 836485 is called "border". The border property can be set on classes, ids or directly on the HTML element.

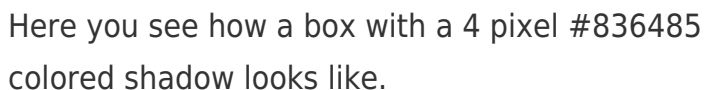
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836485 }
```

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

```
.border{ border-color:#836485 }
```

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



Here you see how a box with a 4 pixel #836485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836485; -webkit-box-shadow:4px 4px  
4px 4px #836485; box-shadow:4px 4px 4px  
4px #836485 }
```

Background

The CSS property to change the background color of an element to Hex 836485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836485 }
```

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

```
.background{ background-color:#836485 }
```

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