

Converting Colors

Hex(836D85)

Have a look what the booklet for
Hex(836D85) contains.

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Color

Hex(836D85)

Conversions

Conversions Part 1

Format	Color
Hex	836D85
RGB	131, 109, 133
RGB Percent	51%, 43%, 52%
CMY	0.4863, 0.5725, 0.4784
CMYK	0.02, 0.18, 0.00, 0.48
HSL	295°, 10%, 47%
HSV	295°, 18%, 52%
XYZ	19.0623, 17.4560, 24.5550
YIQ	118.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

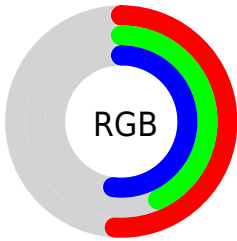
Format	Color
R_{YB}	131, 109, 133
Decimal	8613253
CIE _{Lab}	48.83, 13.24, -9.96
CIE _{LCh}	49, 16.565, 323.032
Yxy	17.4560, 0.3121, 0.2858
Android (android.graphics.Color)	4286803333 (0xFF836D85)
YUV	118.3140, 7.2402, 11.1256
Hunter-Lab	41.7804, 8.3251, -5.5993

Details

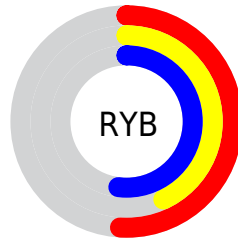
The Hex color **836D85** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F856D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B8A1BA**, and **513D53** is the 20% darker color. If you saturate the color by 10%, you get **826085**, and if you desaturate by 10%, it is **847A85**.

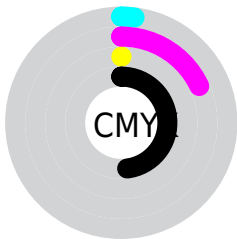
Distribution



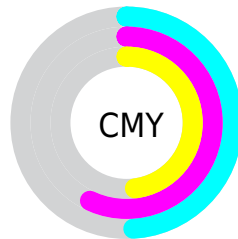
- Red (51%)
- Green (43%)
- Blue (52%)



- Red (51%)
- Yellow (43%)
- Blue (52%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (57%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836D85 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 836D85 by changing the saturation by 10% instead.



836D85



836D85

FFFFFF



6A556C



B8A1BA



513D53



D4BCD6



3A273C



F0D7F2



241327



FFF4FF



0C0012



000000



836D85



836D85



826085



847A85



815285



858885

804585

869585

7F3885

87A285

7D2A85

89B085

7C1D85

8ABD85

7B1085

8BCA85

7A0385

8CD785

7A0085

8DE585

Harmonies

Analogous

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



72728E



836D85



8E6A78

Triad

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



836D85



827258



4D7C7E

Complementary

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



836D85



6F856D

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.



557C70



836D85



73765A

Square

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



836D85



8C6D5E



637A63



517A8A

Rectangle

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



836D85



916A6E



637A63



4E7C7A

Sweetspot

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



836D85



ADA5AD



6D6F85



565157



D6D6D6



575757

Same Dimension

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



836D85



AA87AD



856D7B



423C42



770082



020003

Inverse Universe

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



856D6F



AD878A



6D8577



423C3C



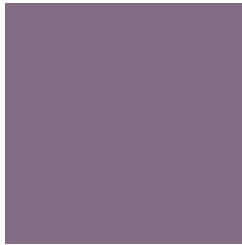
82000B



030000

Previews

White Background



This preview shows how the Hex color 836D85 looks on a white background.

Color Contrast Check

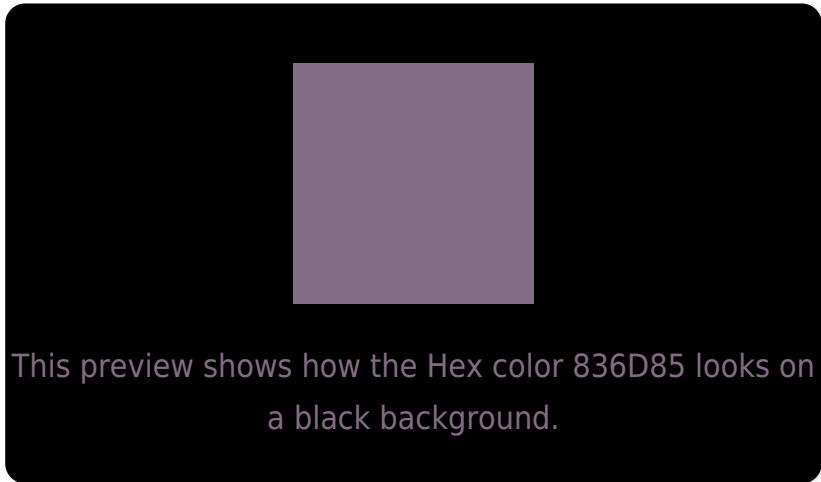
Large Text (above 18pt) WCAG AA ✓ Pass

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

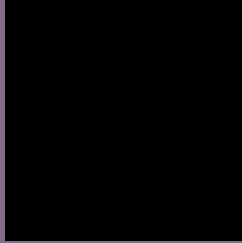
Any Text WCAG AA × Fail

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 836D85 Background



This preview shows how black text looks on a background with the Hex color 836D85.



This preview shows how white text looks on a background with the Hex color 836D85.

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
836D85

Protanopia
707389

Deuteranopia
787184



Tritanopia
816F78

Trichromacy



Original Color
836D85

Protanomaly
777188

Deuteranomaly
7C7084

Tritanomaly
826E7D

Monochromacy



Original Color
836D85

Achromatopsia
767676

Achromatomaly
7B737B

CSS Examples

Text

The CSS property to change the color of the text to Hex 836D85 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 #836D85 looks like.

```
.text, #text, p{  
    color:#836D85  
}
```

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 #836D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836D85
}
```

Border

The CSS property to change the border of an element to Hex 836D85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

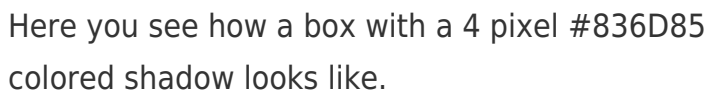
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836D85 }
```

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

```
.border{ border-color:#836D85 }
```

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



Here you see how a box with a 4 pixel #836D85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836D85; -webkit-box-shadow:4px 4px  
4px 4px #836D85; box-shadow:4px 4px 4px  
4px #836D85 }
```

Background

The CSS property to change the background color of an element to Hex 836D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836D85 }
```

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

```
.background{ background-color:#836D85 }
```

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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