

Converting Colors

Hex(836E99)

Have a look what the booklet for
Hex(836E99) contains.

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Color

Hex(836E99)

Conversions

Conversions Part 1

Format	Color
Hex	836E99
RGB	131, 110, 153
RGB Percent	51%, 43%, 60%
CMY	0.4863, 0.5686, 0.4000
CMYK	0.14, 0.28, 0.00, 0.40
HSL	269°, 17%, 52%
HSV	269°, 28%, 60%
XYZ	20.6858, 18.2771, 32.5746
YIQ	121.1810, -1.2870, 17.8250

Conversions

Conversions Part 2

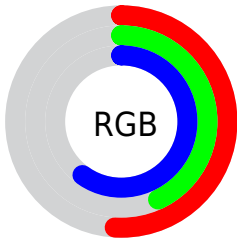
Format	Color
R_{YB}	131, 110, 153
Decimal	8613529
CIE _{Lab}	49.83, 17.00, -20.26
CIE _{LCh}	50, 26.452, 310.004
Yxy	18.2771, 0.2892, 0.2555
Android (android.graphics.Color)	4286803609 (0xFF836E99)
YUV	121.1810, 15.6868, 8.6113
Hunter-Lab	42.7517, 11.5533, -15.2497

Details

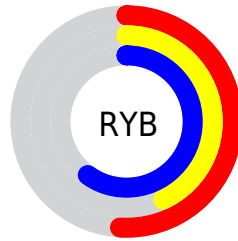
The Hex color **836E99** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **84996E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B8A2CF**, and **513E66** is the 20% darker color. If you saturate the color by 10%, you get **7B5F99**, and if you desaturate by 10%, it is **8B7D99**.

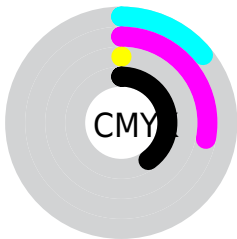
Distribution



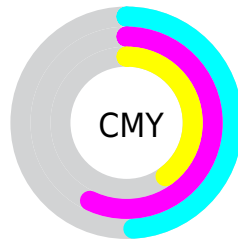
- Red (51%)
- Green (43%)
- Blue (60%)



- Red (51%)
- Yellow (43%)
- Blue (60%)



- Cyan (14%)
- Magenta (28%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836E99 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 836E99 by changing the saturation by 10% instead.

■ 836E99

■ 836E99

FFFFFF

■ 6A567F

■ B8A2CF

■ 513E66

■ D4BDEC

■ 39284E

■ F1D9FF

■ 231337

■ FFF5FF

■ 110022

■ 000007

■ 000000

■ 836E99

■ 836E99

■ 7B5F99

■ 8B7D99

734F99

938D99

6C4099

9A9C99

643199

A2AB99

5C2299

AABB99

541299

B2CA99

4C0399

BAD999

4B0099

C2E899

C9F899

Harmonies

Analogous

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



6376A3



836E99



996786

Triad

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



836E99



93704D



2F837E

Complementary

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



836E99



84996E

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.



4A8266



836E99



7E784A

Square

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



836E99



A0695B



667E53



268193

Rectangle

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



836E99



A16577



667E53



388376

Sweetspot

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



836E99



BFB7C7



6E8499



5E5A63



E3E3E3



636363

Same Dimension

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



836E99



A483C7



986E99



49454D



44008C



06000D

Inverse Universe

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



996E84



C783A6



6F996E



4D4549



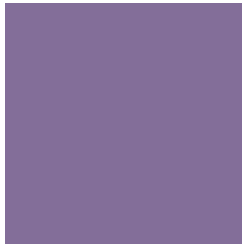
8C0048



0D0007

Previews

White Background



This preview shows how the Hex color 836E99 looks on a white background.

Color Contrast Check

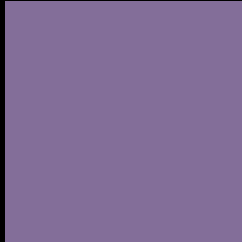
Large Text (above 18pt) WCAG AA ✓ Pass

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 836E99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

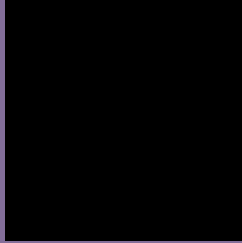
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 836E99 Background



This preview shows how black text looks on a background with the Hex color 836E99.

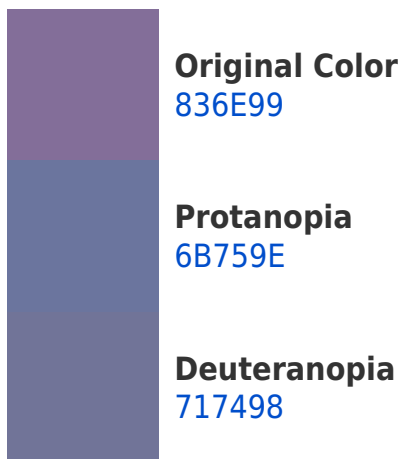


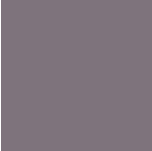
This preview shows how white text looks on a background with the Hex color 836E99.

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





Tritanopia
7E737C

Trichromacy



Original Color
836E99

Protanomaly
74729C

Deuteranomaly
787298

Tritanomaly
807187

Monochromacy



Original Color
836E99

Achromatopsia
797979

Achromatomaly
7D7585

CSS Examples

Text

The CSS property to change the color of the text to Hex 836E99 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 #836E99 looks like.

```
.text, #text, p{  
    color:#836E99  
}
```

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 #836E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836E99
}
```

Border

The CSS property to change the border of an element to Hex 836E99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

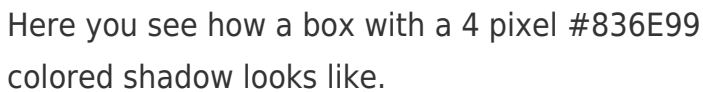
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836E99 }
```

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

```
.border{ border-color:#836E99 }
```

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



Here you see how a box with a 4 pixel #836E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836E99; -webkit-box-shadow:4px 4px  
4px 4px #836E99; box-shadow:4px 4px 4px  
4px #836E99 }
```

Background

The CSS property to change the background color of an element to Hex 836E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836E99 }
```

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

```
.background{ background-color:#836E99 }
```

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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