

Converting Colors

Hex(836A9B)

Have a look what the booklet for
Hex(836A9B) contains.

Hex(836A9B)	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(836A9B)

Conversions

Conversions Part 1

Format	Color
Hex	836A9B
RGB	131, 106, 155
RGB Percent	51%, 42%, 61%
CMY	0.4863, 0.5843, 0.3922
CMYK	0.15, 0.32, 0.00, 0.39
HSL	271°, 20%, 51%
HSV	271°, 32%, 61%
XYZ	20.4305, 17.4999, 33.3114
YIQ	119.0610, -0.8290, 20.5390

Conversions

Conversions Part 2

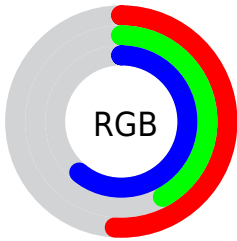
Format	Color
R_{YB}	131, 106, 155
Decimal	8612507
CIE _{Lab}	48.88, 19.84, -22.90
CIE _{LCh}	49, 30.297, 310.914
Yxy	17.4999, 0.2868, 0.2456
Android (android.graphics.Color)	4286802587 (0xFF836A9B)
YUV	119.0610, 17.7179, 10.4705
Hunter-Lab	41.8329, 13.9689, -17.9293

Details

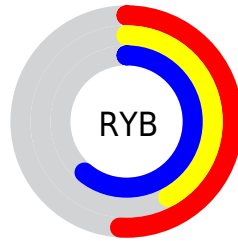
The Hex color **836A9B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **829B6A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B99ED2**, and **513A68** is the 20% darker color. If you saturate the color by 10%, you get **7B5B9B**, and if you desaturate by 10%, it is **8B7A9B**.

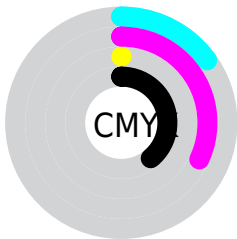
Distribution



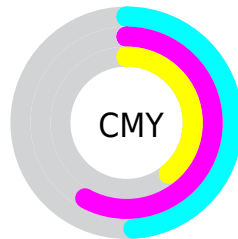
- Red (51%)
- Green (42%)
- Blue (61%)



- Red (51%)
- Yellow (42%)
- Blue (61%)



- Cyan (15%)
- Magenta (32%)
- Yellow (0%)
- Black (39%)



- Cyan (49%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836A9B 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 836A9B by changing the saturation by 10% instead.

■ 836A9B

■ 836A9B

FFFFFF

■ 695281

■ B99ED2

■ 513A68

■ D4B9EE

■ 39244F

■ F1D4FF

■ 221038

■ FFF1FF

■ 0D0023

■ 000009

■ 000000

■ 836A9B

■ 836A9B

■ 7B5B9B

■ 8B7A9B

744B9B

92899B

6C3C9B

9A999B

652C9B

A1A89B

5D1D9B

A9B89B

550D9B

B1C79B

4F009B

B8D69B

C0E69B

C7F69B

Harmonies

Analogous

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



5E73A6



836A9B



9C6286

Triad

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



836A9B



936D44



10827D

Complementary

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



836A9B



829B6A

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.



3E8163



836A9B



7C7641

Square

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



836A9B



A26454



5F7C4C



008095

Rectangle

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



836A9B



A46074



5F7C4C



238274

Sweetspot

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



836A9B



C1B7C9



6A839B



615B66



E6E6E6



666666

Same Dimension

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



836A9B



A47DC9



9B6A9B



49454D



48008C



07000D

Inverse Universe

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



9B6A82



C97DA2



6A9B6A



4D4549



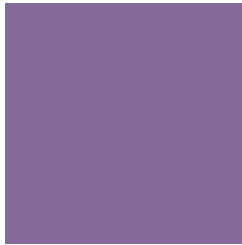
8C0045



0D0006

Previews

White Background



This preview shows how the Hex color 836A9B looks on a white background.

Color Contrast Check

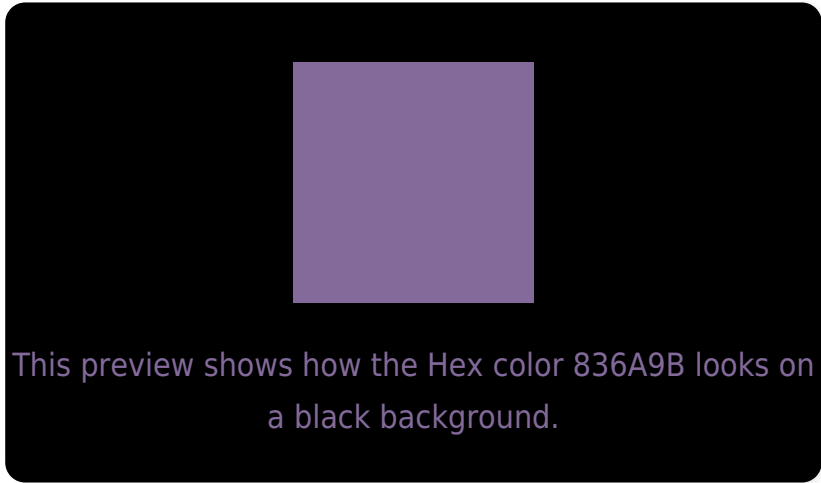
Large Text (above 18pt) WCAG AA ✓ Pass

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

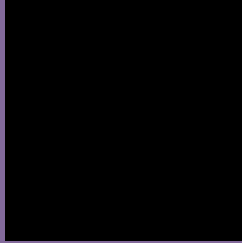
Any Text WCAG AA ✓ Pass

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 836A9B Background



This preview shows how black text looks on a background with the Hex color 836A9B.

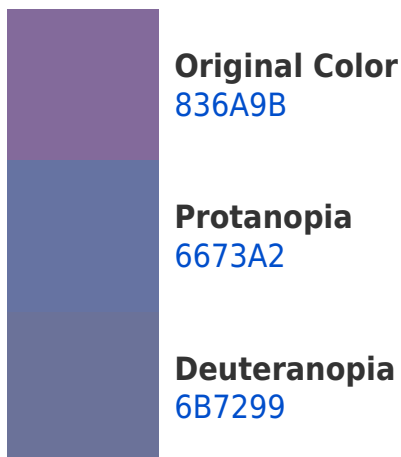


This preview shows how white text looks on a background with the Hex color 836A9B.

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
7D7179

Trichromacy



Original Color
836A9B

Protanomaly
71709F

Deuteranomaly
746F9A

Tritanomaly
7F6E85

Monochromacy



Original Color
836A9B

Achromatopsia
777777

Achromatomaly
7B7284

CSS Examples

Text

The CSS property to change the color of the text to Hex 836A9B 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 #836A9B looks like.

```
.text, #text, p{  
    color:#836A9B  
}
```

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 #836A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836A9B
}
```

Border

The CSS property to change the border of an element to Hex 836A9B is called "border". The border property can be set on classes, ids or directly on the HTML element.

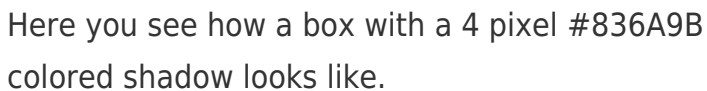
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836A9B }
```

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

```
.border{ border-color:#836A9B }
```

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



Here you see how a box with a 4 pixel #836A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836A9B; -webkit-box-shadow:4px 4px  
4px 4px #836A9B; box-shadow:4px 4px 4px  
4px #836A9B }
```

Background

The CSS property to change the background color of an element to Hex 836A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836A9B }
```

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

```
.background{ background-color:#836A9B }
```

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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