

Converting Colors

Hex(826A9B)

Have a look what the booklet for
Hex(826A9B) contains.

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Color

Hex(826A9B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 826A9B |
| RGB | 130, 106, 155 |
| RGB Percent | 51%, 42%, 61% |
| CMY | 0.4902, 0.5843, 0.3922 |
| CMYK | 0.16, 0.32, 0.00, 0.39 |
| HSL | 269°, 20%, 51% |
| HSV | 269°, 32%, 61% |
| XYZ | 20.2763, 17.4205, 33.3041 |
| YIQ | 118.7620, -1.4250, 20.3270 |

Conversions

Conversions Part 2

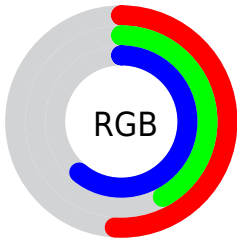
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 130, 106, 155 |
| Decimal | 8546971 |
| CIE _{Lab} | 48.79, 19.51, -23.06 |
| CIE _{LCh} | 49, 30.203, 310.240 |
| Yxy | 17.4205, 0.2856, 0.2454 |
| Android (android.graphics.Color) | 4286737051 (0xFF826A9B) |
| YUV | 118.7620, 17.8653, 9.8557 |
| Hunter-Lab | 41.7378, 13.6746, -18.0932 |

Details

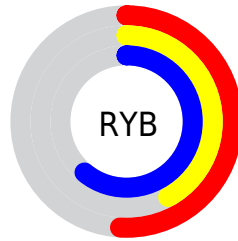
The Hex color **826A9B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **839B6A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B89DD2**, and **503A68** is the 20% darker color. If you saturate the color by 10%, you get **7A5B9B**, and if you desaturate by 10%, it is **8A7A9B**.

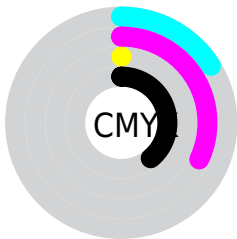
Distribution



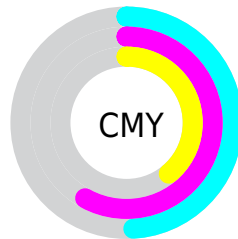
- Red (51%)
- Green (42%)
- Blue (61%)



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



- Cyan (16%)
- Magenta (32%)
- Yellow (0%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 826A9B 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 826A9B by changing the saturation by 10% instead.

826A9B

826A9B

FFFFFF

685281

B89DD2

503A68

D3B8EE

38244F

F0D4FF

211038

FFF1FF

0C0023

000009

000000

826A9B

826A9B

7A5B9B

8A7A9B

724B9B

92899B

6A3C9B

9A999B

622C9B

A2A89B

5A1D9B

AAB89B

530D9B

B1C79B

4C009B

B9D69B

C1E69B

C9F69B

Harmonies

Analogous

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



5D73A6



826A9B



9B6286

Triad

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



826A9B



936C44



12827C

Complementary

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



826A9B



839B6A

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.



3F8062



826A9B



7C7541

Square

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



826A9B



A26454



607C4C



008094

Rectangle

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



826A9B



A36075



607C4C



248173

Sweetspot

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



826A9B



C0B7C9



6A839B



605B66



E6E6E6



666666

Same Dimension

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



826A9B



A27DC9



9A6A9B



49454D



45008C



06000D

Inverse Universe

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



9B6A83



C97DA4



6B9B6A



4D4549



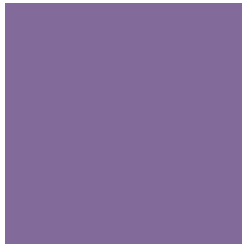
8C0048



0D0007

Previews

White Background



This preview shows how the Hex color 826A9B looks on a white background.

Color Contrast Check

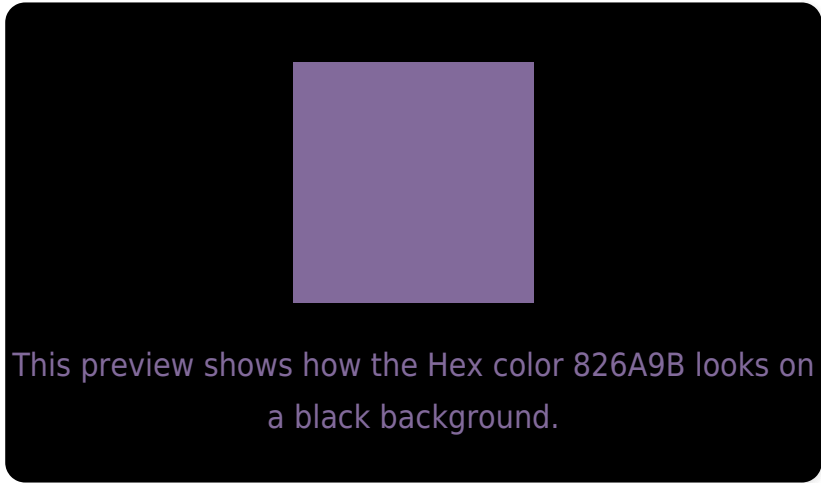
Large Text (above 18pt) WCAG AA ✓ Pass

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

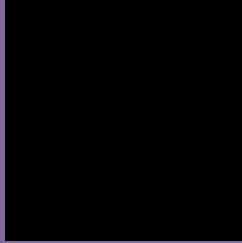
Any Text WCAG AA × Fail

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 826A9B Background



This preview shows how black text looks on a background with the Hex color 826A9B.

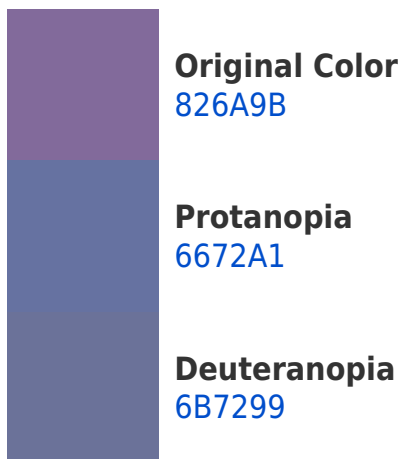


This preview shows how white text looks on a background with the Hex color 826A9B.

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
7C7179

Trichromacy



Original Color
826A9B

Protanomaly
706F9F

Deuteranomaly
736F9A

Tritanomaly
7E6E85

Monochromacy



Original Color
826A9B

Achromatopsia
777777

Achromatomaly
7B7284

CSS Examples

Text

The CSS property to change the color of the text to Hex 826A9B 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 #826A9B looks like.

```
.text, #text, p{  
  color:#826A9B  
}
```

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 #826A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826A9B
}
```

Border

The CSS property to change the border of an element to Hex 826A9B is called "border". The border property can be set on classes, ids or directly on the HTML element.

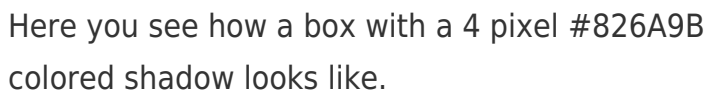
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826A9B }
```

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

```
.border{ border-color:#826A9B }
```

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



Here you see how a box with a 4 pixel #826A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826A9B; -webkit-box-shadow:4px 4px  
4px 4px #826A9B; box-shadow:4px 4px 4px  
4px #826A9B }
```

Background

The CSS property to change the background color of an element to Hex 826A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826A9B }
```

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

```
.background{ background-color:#826A9B }
```

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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