

# Converting Colors

Hex(826B8D)

Have a look what the booklet for  
Hex(826B8D) contains.

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# Color

**Hex(826B8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	826B8D
RGB	130, 107, 141
RGB Percent	51%, 42%, 55%
CMY	0.4902, 0.5804, 0.4471
CMYK	0.08, 0.24, 0.00, 0.45
HSL	281°, 14%, 49%
HSV	281°, 24%, 55%
XYZ	19.2713, 17.1843, 27.5005
YIQ	117.7530, 2.7940, 15.4500

# Conversions

## Conversions Part 2

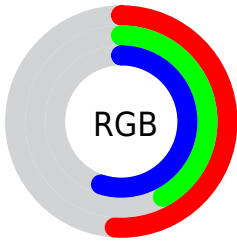
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 107, 141
Decimal	8547213
CIE <sub>Lab</sub>	48.49, 15.76, -15.23
CIE <sub>LCh</sub>	48, 21.915, 315.977
Yxy	17.1843, 0.3013, 0.2687
Android (android.graphics.Color)	4286737293 (0xFF826B8D)
YUV	117.7530, 11.4608, 10.7406
Hunter-Lab	41.4540, 10.4376, -10.3151

# Details

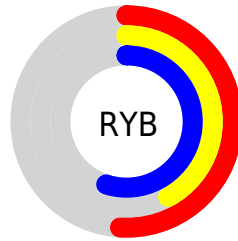
The Hex color **826B8D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **768D6B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B79EC3**, and **503B5B** is the 20% darker color. If you saturate the color by 10%, you get **7D5D8D**, and if you desaturate by 10%, it is **87798D**.

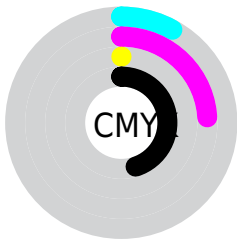
# Distribution



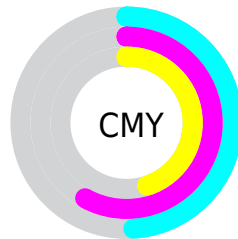
- Red (51%)
- Green (42%)
- Blue (55%)



- Red (51%)
- Yellow (42%)
- Blue (55%)



- Cyan (8%)
- Magenta (24%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (58%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 826B8D 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 826B8D by changing the saturation by 10% instead.



■ 826B8D

■ 826B8D

FFFFFF

■ 695373

■ B79EC3

■ 503B5B

■ D3B9DF

■ 392543

■ EFD5FB

■ 23112D

■ FFF2FF

■ 0A0019

■ 000000

■ 826B8D

■ 826B8D

■ 7D5D8D

■ 87798D

■ 794F8D

■ 8B878D

74418D

90958D

70338D

94A38D

6B258D

99B28D

67168D

9DC08D

62088D

A2CE8D

5F008D

A6DC8D

ABEA8D

# Harmonies

## Analogous

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



6A7197



826B8D



92667D

# Triad

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



826B8D



886F50



3B7D7D

# Complementary

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



826B8D



768D6B

# 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.



4C7D6A



826B8D



76754F

# Square

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



826B8D



946959



617A59



3B7C8D

# Rectangle

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



826B8D



986570



617A59



407D76



# Sweetspot

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



826B8D



B3ABB8



6B768D



59545C



DBDBDB



5C5C5C



# Same Dimension

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



826B8D



A682B8



8D6B87



454047



5B0087



050008



# Inverse Universe

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



8D6B76



B88294



6B8D71



474043



87002C

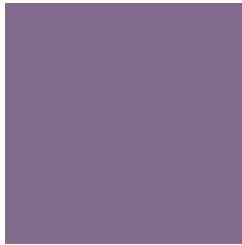


080002



# Previews

## White Background



This preview shows how the Hex color 826B8D looks on a white background.

## Color Contrast Check

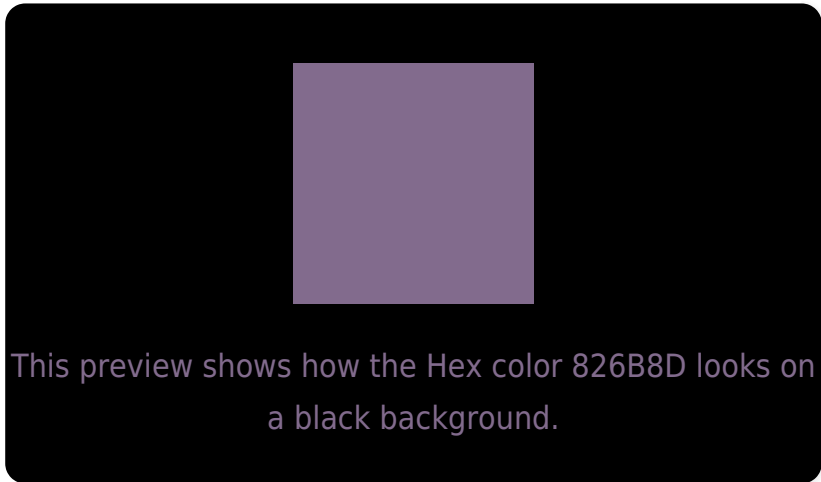
Large Text (above 18pt) WCAG AA ✓ Pass

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

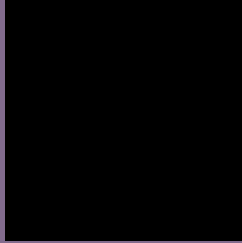
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 826B8D Background



This preview shows how black text looks on a background with the Hex color 826B8D.




This preview shows how white text looks on a background with the Hex color 826B8D.

# 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**  
7F6F78

# Trichromacy



**Original Color**  
826B8D

**Protanomaly**  
736F90

**Deuteranomaly**  
786F8C

**Tritanomaly**  
806E80

# Monochromacy



**Original Color**  
826B8D

**Achromatopsia**  
767676

**Achromatomaly**  
7A727E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826B8D 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 #826B8D looks like.

```
.text, #text, p{  
    color:#826B8D  
}
```

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 #826B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826B8D
}
```

## Border

The CSS property to change the border of an element to Hex 826B8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

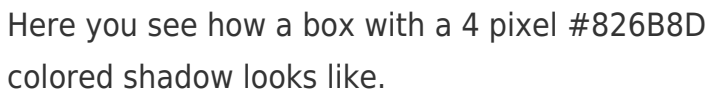
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826B8D }
```

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

```
.border{ border-color:#826B8D }
```

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



Here you see how a box with a 4 pixel #826B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826B8D; -webkit-box-shadow:4px 4px  
4px 4px #826B8D; box-shadow:4px 4px 4px  
4px #826B8D }
```

# Background

The CSS property to change the background color of an element to Hex 826B8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826B8D }
```

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

```
.background{ background-color:#826B8D }
```

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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