

# Converting Colors

Hex(826CBB)

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

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# Color

**Hex(826CBB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	826CBB
RGB	130, 108, 187
RGB Percent	51%, 42%, 73%
CMY	0.4902, 0.5765, 0.2667
CMYK	0.30, 0.42, 0.00, 0.27
HSL	257°, 37%, 58%
HSV	257°, 42%, 73%
XYZ	23.5381, 19.0588, 49.4518
YIQ	123.5840, -12.2470, 29.2330

# Conversions

## Conversions Part 2

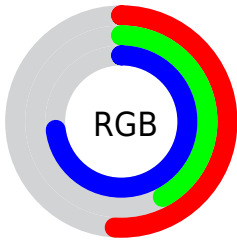
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 108, 187
Decimal	8547515
CIE <sub>Lab</sub>	50.76, 26.25, -38.64
CIE <sub>LCh</sub>	51, 46.710, 304.190
Yxy	19.0588, 0.2557, 0.2071
Android (android.graphics.Color)	4286737595 (0xFF826CBB)
YUV	123.5840, 31.2641, 5.6268
Hunter-Lab	43.6564, 19.8428, -36.6013

# Details

The Hex color **826CBB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A5BB6C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B9A0F4**, and **4E3C85** is the 20% darker color. If you saturate the color by 10%, you get **7559BB**, and if you desaturate by 10%, it is **8F7FBB**.

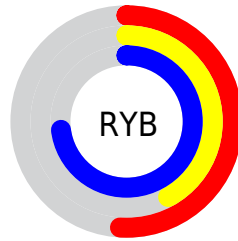
# Distribution



Red (51%)

Green (42%)

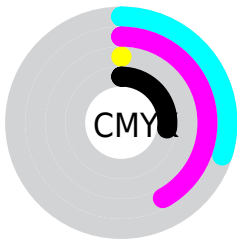
Blue (73%)



Red (51%)

Yellow (42%)

Blue (73%)

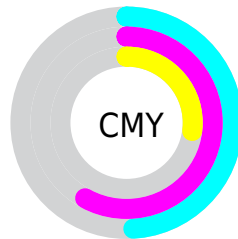


Cyan (30%)

Magenta (42%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (58%)

Yellow (27%)

# Brightness & Saturation Gradients

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



■ 826CBB

■ 826CBB

FFFFFF

■ 6854A0

■ B9A0F4

■ 4E3C85

■ D5BBFF

■ 34266C

■ F2D7FF

■ 191153

■ FFF3FF

■ 04003C

■ 000225

■ 00010D

■ 000000

■ 826CBB

■ 826CBB

7559BB

8F7FBB

6747BB

9D91BB

5A34BB

AAA4BB

4C21BB

B8B7BB

3F0EBB

C5CABB

3400BB

D3DCBB

E0EFBB

EEFFBB

FBFFBB

# Harmonies

## Analogous

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



2F7BC8



826CBB



AE5C9C

# Triad

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



826CBB



AA6A30



008C7D

# Complementary

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



826CBB



A5BB6C

# 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.



208A55



826CBB



897923

# Square

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



826CBB



BE5B4E



608333



008BA5

# Rectangle

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



826CBB



BD5682



608333



008C6F



# Sweetspot

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



826CBB



DCD3F2



6CA6BB



6C677A



FAFAFA



7A7A7A



# Same Dimension

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



826CBB



9977F2



A96CBB



58555E



2C009E



09001F



# Inverse Universe

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



BB6CA5



F277D0



7EBB6C



5E555C



9E0072

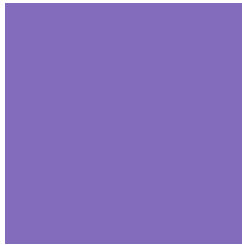


1F0016



# Previews

## White Background



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

## Color Contrast Check

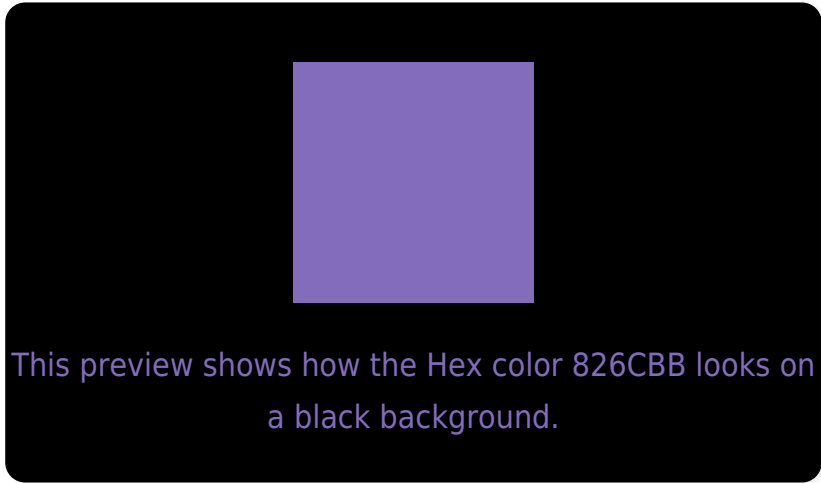
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

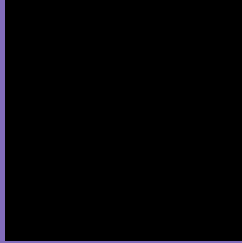
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 826CBB Background



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



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

# 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**  
777882

# Trichromacy



**Original Color**  
826CBB

**Protanomaly**  
6972C1

**Deuteranomaly**  
6974B9

**Tritanomaly**  
7B7497

# Monochromacy



**Original Color**  
826CBB

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7E7693

# CSS Examples

## Text

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

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

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 #826CBB colored shadow looks like.

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

## Border

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

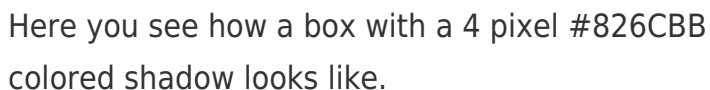
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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