

# Converting Colors

Hex(826BC3)

Have a look what the booklet for  
Hex(826BC3) contains.

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# Color

**Hex(826BC3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826BC3
RGB	130, 107, 195
RGB Percent	51%, 42%, 76%
CMY	0.4902, 0.5804, 0.2353
CMYK	0.33, 0.45, 0.00, 0.24
HSL	256°, 42%, 59%
HSV	256°, 45%, 76%
XYZ	24.3139, 19.2013, 54.0545
YIQ	123.9090, -14.5400, 32.2440

# Conversions

## Conversions Part 2

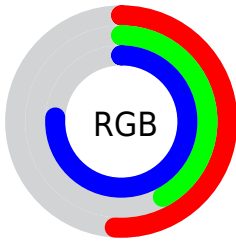
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 107, 195
Decimal	8547267
CIE <sub>Lab</sub>	50.92, 28.94, -42.98
CIE <sub>LCh</sub>	51, 51.818, 303.958
Yxy	19.2013, 0.2492, 0.1968
Android (android.graphics.Color)	4286737347 (0xFF826BC3)
YUV	123.9090, 35.0479, 5.3418
Hunter-Lab	43.8193, 22.3601, -42.4652

# Details

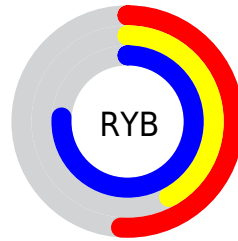
The Hex color **826BC3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ACC36B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B99FFC**, and **4D3B8D** is the 20% darker color. If you saturate the color by 10%, you get **7458C3**, and if you desaturate by 10%, it is **907FC3**.

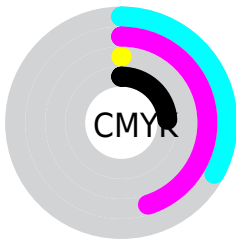
# Distribution



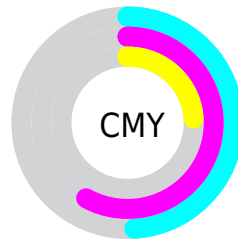
- Red (51%)
- Green (42%)
- Blue (76%)



- Red (51%)
- Yellow (42%)
- Blue (76%)



- Cyan (33%)
- Magenta (45%)
- Yellow (0%)
- Black (24%)



- Cyan (49%)
- Magenta (58%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 826BC3 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 826BC3 by changing the saturation by 10% instead.



■ 826BC3

■ 826BC3

FFFFFF

■ 6753A7

■ B99FFC

■ 4D3B8D

■ D6BAFF

■ 322573

■ F3D6FF

■ 15105A

■ FFF2FF

■ 000042

■ 00032B

■ 000115

■ 000000

■ 826BC3

■ 826BC3

7458C3

907FC3

6544C3

9F92C3

5731C3

ADA6C3

481DC3

BCB9C3

3A0AC3

CACDC3

3300C3

D8E0C3

E7F3C3

F5FFC3

FFFFC3

# Harmonies

## Analogous

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



077CD2



826BC3



B358A1

# Triad

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



826BC3



AE6927



008E7E

# Complementary

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



826BC3



ACC36B

# 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.



008C50



826BC3



8B7916

# Square

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



826BC3



C5574A



5D852A



008DAA

# Rectangle

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



826BC3



C45084



5D852A



008E6F



# Sweetspot

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



826BC3



E2D9FC



6BADC3



6F6A80



000000



808080



# Same Dimension

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



826BC3



9874FC



AD6BC3



5A5761



2A00A1



090021



# Inverse Universe

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



C36BAC



FC74D9



81C36B



61575E



A10077

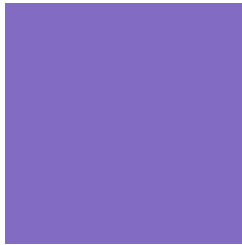


210018



# Previews

## White Background



This preview shows how the Hex color 826BC3 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

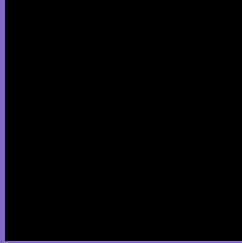
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 826BC3 Background



This preview shows how black text looks on a background with the Hex color 826BC3.



This preview shows how white text looks on a background with the Hex color 826BC3.

# 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](#).

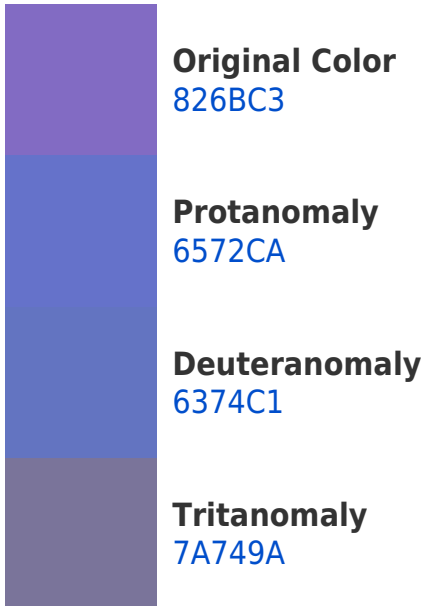
## Dichromacy



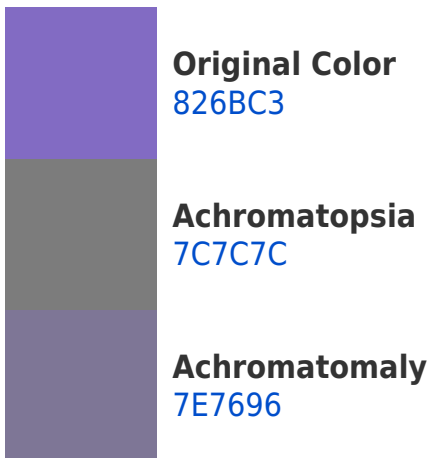


**Tritanopia**  
757983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826BC3 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 #826BC3 looks like.

```
.text, #text, p{  
    color:#826BC3  
}
```

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 #826BC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826BC3
}
```

## Border

The CSS property to change the border of an element to Hex 826BC3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

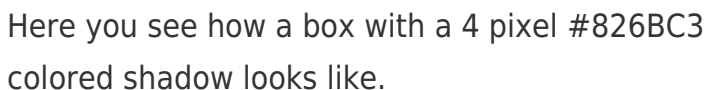
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826BC3 }
```

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

```
.border{ border-color:#826BC3 }
```

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



Here you see how a box with a 4 pixel #826BC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826BC3; -webkit-box-shadow:4px 4px  
4px 4px #826BC3; box-shadow:4px 4px 4px  
4px #826BC3 }
```

# Background

The CSS property to change the background color of an element to Hex 826BC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826BC3 }
```

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

```
.background{ background-color:#826BC3 }
```

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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