

# Converting Colors

Hex(826DBE)

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

<b>Hex(826DBE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(826DBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	826DBE
RGB	130, 109, 190
RGB Percent	51%, 43%, 75%
CMY	0.4902, 0.5725, 0.2549
CMYK	0.32, 0.43, 0.00, 0.25
HSL	256°, 38%, 59%
HSV	256°, 43%, 75%
XYZ	23.9688, 19.4008, 51.1966
YIQ	124.5130, -13.4850, 29.6430

# Conversions

## Conversions Part 2

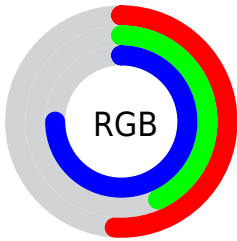
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 109, 190
Decimal	8547774
CIE <sub>Lab</sub>	51.15, 26.44, -39.74
CIE <sub>LCh</sub>	51, 47.733, 303.637
Yxy	19.4008, 0.2535, 0.2052
Android (android.graphics.Color)	4286737854 (0xFF826DBE)
YUV	124.5130, 32.2851, 4.8121
Hunter-Lab	44.0464, 20.0537, -38.0824

# Details

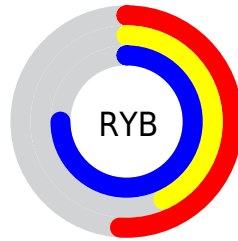
The Hex color **826DBE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A9BE6D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B9A1F7**, and **4D3D88** is the 20% darker color. If you saturate the color by 10%, you get **745ABE**, and if you desaturate by 10%, it is **9080BE**.

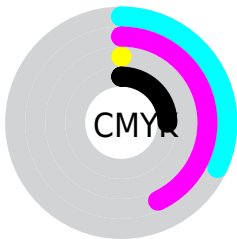
# Distribution



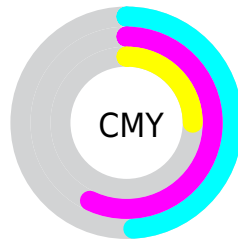
- Red (51%)
- Green (43%)
- Blue (75%)



- Red (51%)
- Yellow (43%)
- Blue (75%)



- Cyan (32%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (49%)
- Magenta (57%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



■ 826DBE

■ 826DBE

FFFFFF

■ 6754A3

■ B9A1F7

■ 4D3D88

■ D5BCFF

■ 33276E

■ F2D8FF

■ 181255

■ FFF4FF

■ 01003E

■ 000327

■ 000110

■ 000000

■ 826DBE

■ 826DBE

745ABE

9080BE

6647BE

9E93BE

5834BE

ACA6BE

4A21BE

BAB9BE

3C0EBE

C8CCBE

3100BE

D6DFBE

E5F2BE

F3FFBE

FFFFBE

# Harmonies

## Analogous

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



297DCB



826DBE



AF5D9F

# Triad

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



826DBE



AC6A30



008E7E

# Complementary

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



826DBE



A9BE6D

# 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.



208B54



826DBE



8B7922

# Square

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



826DBE



C15B4F



618432



008DA6

# Rectangle

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



826DBE



BF5684



618432



008D6F



# Sweetspot

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



826DBE



E0D7F7



6DAABE



6E697D



FCFCFC



7D7D7D



# Same Dimension

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



826DBE



9A79F7



AA6DBE



57555E



29009E



08001F



# Inverse Universe

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



BE6DA9



F779D7



81BE6D



5E555C



9E0075

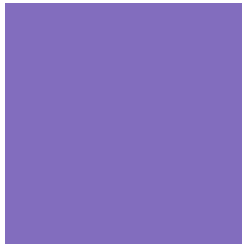


1F0017



# Previews

## White Background



This preview shows how the Hex color 826DBE 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 826DBE Background



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

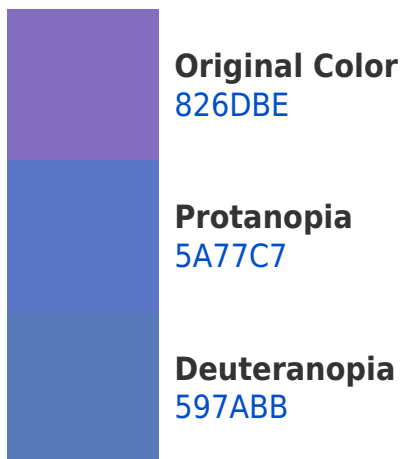


This preview shows how white text looks on a background with the Hex color 826DBE.

# 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**  
767A84

# Trichromacy



**Original Color**  
826DBE

**Protanomaly**  
6973C4

**Deuteranomaly**  
6875BC

**Tritanomaly**  
7A7599

# Monochromacy



**Original Color**  
826DBE

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7F7795

# CSS Examples

## Text

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

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

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 #826DBE colored shadow looks like.

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

## Border

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

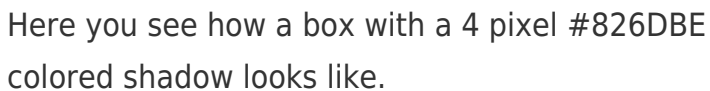
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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