

Converting Colors

Hex(826BD8)

Have a look what the booklet for
Hex(826BD8) contains.

Hex(826BD8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(826BD8)

Conversions

Conversions Part 1

Format	Color
Hex	826BD8
RGB	130, 107, 216
RGB Percent	51%, 42%, 85%
CMY	0.4902, 0.5804, 0.1529
CMYK	0.40, 0.50, 0.00, 0.15
HSL	253°, 58%, 63%
HSV	253°, 50%, 85%
XYZ	26.8583, 20.2191, 67.4528
YIQ	126.3030, -21.2810, 38.7750

Conversions

Conversions Part 2

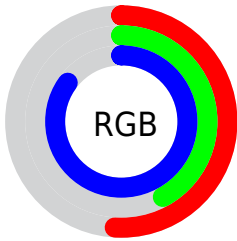
Format	Color
R_{YB}	130, 107, 216
Decimal	8547288
CIE _{Lab}	52.08, 34.64, -53.11
CIE _{LCh}	52, 63.408, 303.116
Yxy	20.2191, 0.2345, 0.1765
Android (android.graphics.Color)	4286737368 (0xFF826BD8)
YUV	126.3030, 44.2206, 3.2423
Hunter-Lab	44.9656, 27.9294, -57.4648

Details

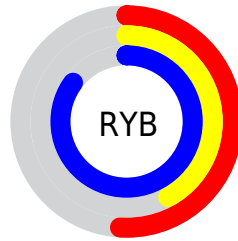
The Hex color **826BD8** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **C1D86B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BB9FFF**, and **4A3BA0** is the 20% darker color. If you saturate the color by 10%, you get **7155D8**, and if you desaturate by 10%, it is **9381D8**.

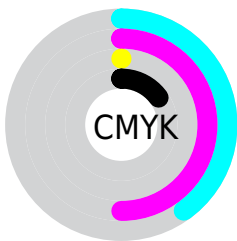
Distribution



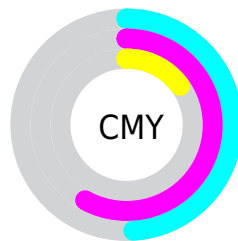
- Red (51%)
- Green (42%)
- Blue (85%)



- Red (51%)
- Yellow (42%)
- Blue (85%)



- Cyan (40%)
- Magenta (50%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (58%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 826BD8 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 826BD8 by changing the saturation by 10% instead.

■ 826BD8

■ 826BD8

FFFFFF

■ 6652BC

■ BB9FFF

■ 4A3BA0

■ D8BAFF

■ 2C2486

■ F5D6FF

■ 010F6C

■ FFF2FF

■ 000053

■ 00053B

■ 000224

■ 00000C

■ 000000

 826BD8

 826BD8

 7155D8

 9381D8

 6040D8

 A496D8

 4F2AD8

 B5ACD8

 3E15D8

 C6C1D8

 2E00D8

 D7D7D8

 E8EDD8

 F9FFD8

 FFFFD8

Harmonies

Analogous

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



0081E9



826BD8



C150AE

Triad

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



826BD8



BB6710



009581

Complementary

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



826BD8



C1D86B

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.



009148



826BD8



907C00

Square

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



826BD8



D74E44



588A0E



0094B6

Rectangle

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



826BD8



D6438B



588A0E



00946D

Sweetspot

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



826BD8



E1D9FF



6BC2D8



6D6980



000000



808080

Same Dimension

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



826BD8



8463FF



B76BD8



63606B



2400AB



09002B

Inverse Universe

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



D86BC1



FF63DE



8CD86B



6B6069



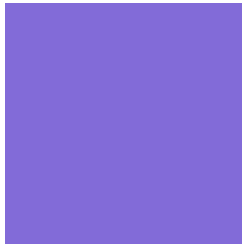
AB0087



2B0022

Previews

White Background



This preview shows how the Hex color 826BD8 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



This preview shows how the Hex color 826BD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

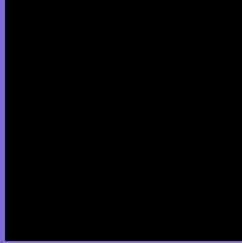
Any Text WCAG AA ✓ Pass

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 826BD8 Background



This preview shows how black text looks on a background with the Hex color 826BD8.

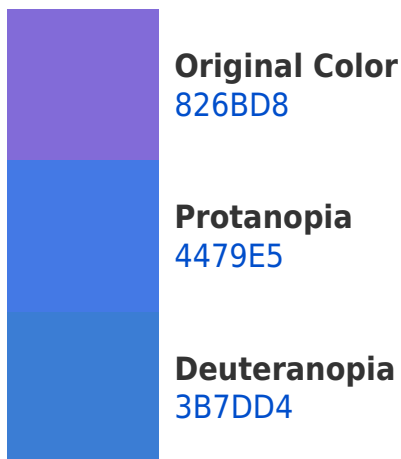


This preview shows how white text looks on a background with the Hex color 826BD8.

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



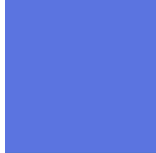


Tritanopia
6F7E88

Trichromacy



Original Color
826BD8



Protanomaly
5B74E0

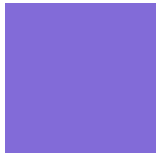


Deuteranomaly
5576D5



Tritanomaly
7677A5

Monochromacy



Original Color
826BD8



Achromatopsia
7E7E7E



Achromatomaly
7F779F

CSS Examples

Text

The CSS property to change the color of the text to Hex 826BD8 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 #826BD8 looks like.

```
.text, #text, p{  
    color:#826BD8  
}
```

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 #826BD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826BD8  
}
```

Border

The CSS property to change the border of an element to Hex 826BD8 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  
#826BD8 }
```

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

```
.border{ border-color:#826BD8 }
```

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

Here you see how a box with a 4 pixel #826BD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826BD8; -webkit-box-shadow:4px 4px  
4px 4px #826BD8; box-shadow:4px 4px 4px  
4px #826BD8 }
```

Background

The CSS property to change the background color of an element to Hex 826BD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826BD8 }
```

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

```
.background{ background-color:#826BD8 }
```

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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