

Converting Colors

Hex(827BC8)

Have a look what the booklet for
Hex(827BC8) contains.

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Color

Hex(827BC8)

Conversions

Conversions Part 1

Format	Color
Hex	827BC8
RGB	130, 123, 200
RGB Percent	51%, 48%, 78%
CMY	0.4902, 0.5176, 0.2157
CMYK	0.35, 0.38, 0.00, 0.22
HSL	245°, 41%, 63%
HSV	245°, 38%, 78%
XYZ	26.7142, 23.0819, 57.6908
YIQ	133.8710, -20.5450, 25.4310

Conversions

Conversions Part 2

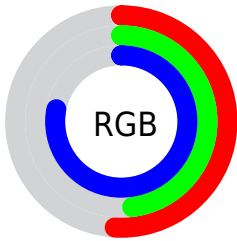
Format	Color
RYB	130, 123, 200
Decimal	8551368
CIELab	55.16, 20.81, -39.15
CIElCh	55, 44.341, 297.991
Yxy	23.0819, 0.2485, 0.2147
Android (android.graphics.Color)	4286741448 (0xFF827BC8)
YUV	133.8710, 32.6016, -3.3949
Hunter-Lab	48.0436, 15.1770, -37.5650

Details

The Hex color **827BC8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C1C87B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B9AFFF**, and **4D4A92** is the 20% darker color. If you saturate the color by 10%, you get **7067C8**, and if you desaturate by 10%, it is **948FC8**.

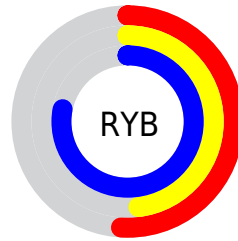
Distribution



Red (51%)

Green (48%)

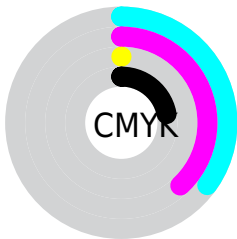
Blue (78%)



Red (51%)

Yellow (48%)

Blue (78%)

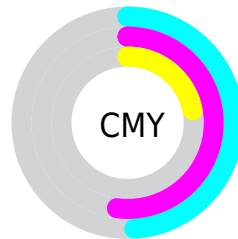


Cyan (35%)

Magenta (38%)

Yellow (0%)

Black (22%)



Cyan (49%)

Magenta (52%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 827BC8 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 827BC8 by changing the saturation by 10% instead.

■ 827BC8

■ 827BC8

FFFFFF

■ 6762AC

■ B9AFFF

■ 4D4A92

■ D5CBFF

■ 333478

■ F2E7FF

■ 161F5E

■ 000946

■ 00042F

■ 000119

■ 000000

■ 827BC8

■ 827BC8

 7067C8

 948FC8

 5E53C8

 A6A3C8

 4B3FC8

 B9B7C8

 392BC8

 CBCBC8

 2717C8

 DDDFC8

 1503C8

 EFF3C8

 1200C8

 FFFFC8

Harmonies

Analogous

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



3089D1



827BC8



B16CAD

Triad

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



827BC8



BA7343



009780

Complementary

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



827BC8



C1C87B

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.



45945A



827BC8



9C8134

Square

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



827BC8



CA6662



768C3D



0097A7

Rectangle

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



827BC8



C36595



768C3D



009673

Sweetspot

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



827BC8



E3E0FF



7BC2C8



6F6E80



000000



808080

Same Dimension

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



827BC8



948AFF



A87BC8



5A5A63



0F00A3



030024

Inverse Universe

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



C87BC1



FF8AF4



9BC87B



635A63



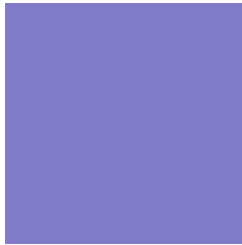
A30094



240020

Previews

White Background



This preview shows how the Hex color 827BC8 looks on a white background.

Color Contrast Check

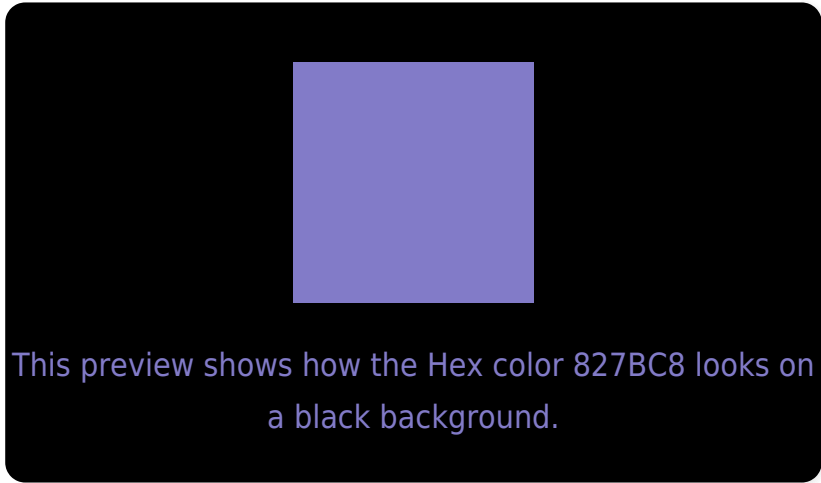
Large Text (above 18pt) WCAG AA ✓ Pass

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 827BC8 Background



This preview shows how black text looks on a background with the Hex color 827BC8.

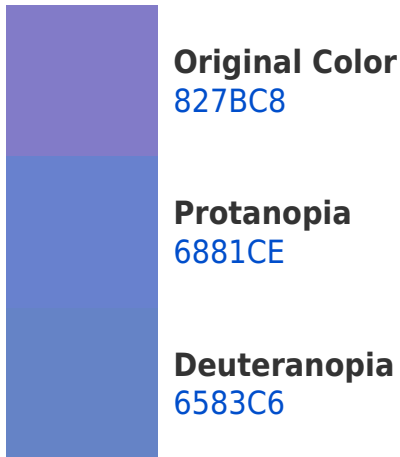


This preview shows how white text looks on a background with the Hex color 827BC8.

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](#).

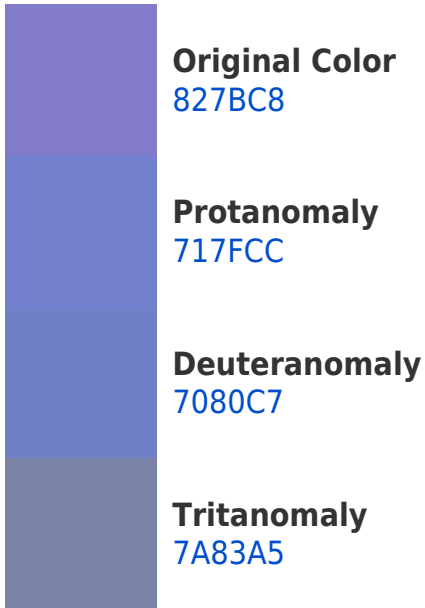
Dichromacy



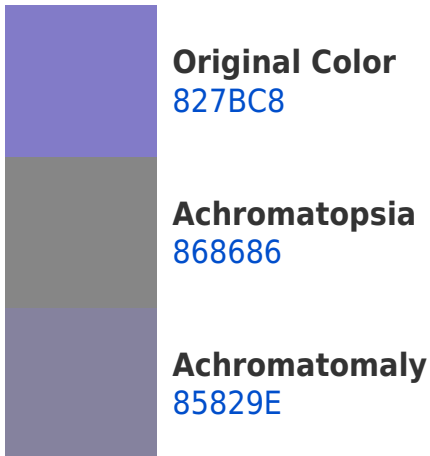


Tritanopia
768791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 827BC8 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 #827BC8 looks like.

```
.text, #text, p{  
    color:#827BC8  
}
```

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 #827BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827BC8
}
```

Border

The CSS property to change the border of an element to Hex 827BC8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

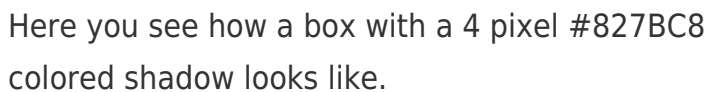
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827BC8 }
```

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

```
.border{ border-color:#827BC8 }
```

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



Here you see how a box with a 4 pixel #827BC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827BC8; -webkit-box-shadow:4px 4px  
4px 4px #827BC8; box-shadow:4px 4px 4px  
4px #827BC8 }
```

Background

The CSS property to change the background color of an element to Hex 827BC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827BC8 }
```

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

```
.background{ background-color:#827BC8 }
```

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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