

Converting Colors

Hex(827FE9)

Have a look what the booklet for
Hex(827FE9) contains.

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Color

Hex(827FE9)

Conversions

Conversions Part 1

Format	Color
Hex	827FE9
RGB	130, 127, 233
RGB Percent	51%, 50%, 91%
CMY	0.4902, 0.5020, 0.0863
CMYK	0.44, 0.45, 0.00, 0.09
HSL	242°, 71%, 71%
HSV	242°, 45%, 91%
XYZ	31.5033, 25.8078, 80.4118
YIQ	139.9810, -32.2380, 33.6020

Conversions

Conversions Part 2

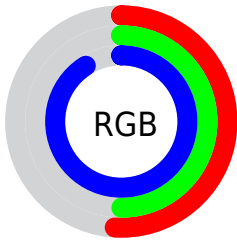
Format	Color
RYB	130, 127, 233
Decimal	8552425
CIELab	57.85, 27.69, -53.45
CIElCh	58, 60.192, 297.388
Yxy	25.8078, 0.2287, 0.1874
Android (android.graphics.Color)	4286742505 (0xFF827FE9)
YUV	139.9810, 45.8584, -8.7533
Hunter-Lab	50.8013, 21.7903, -58.2873

Details

The Hex color **827FE9** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E6E97F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BBB4FF**, and **494EB1** is the 20% darker color. If you saturate the color by 10%, you get **6B68E9**, and if you desaturate by 10%, it is **9996E9**.

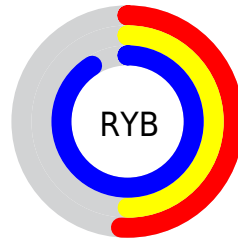
Distribution



Red (51%)

Green (50%)

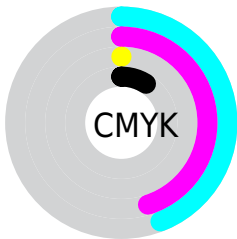
Blue (91%)



Red (51%)

Yellow (50%)

Blue (91%)

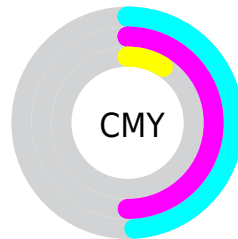


Cyan (44%)

Magenta (45%)

Yellow (0%)

Black (9%)



Cyan (49%)

Magenta (50%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 827FE9 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 827FE9 by changing the saturation by 10% instead.

827FE9

827FE9

FFFFFF

6666CC

BBB4FF

494EB1

D9CFFF

293795

F6ECFF

00227B

000F62

000049

000431

00011C

000000

■ 827FE9

■ 827FE9

■ 6B68E9

■ 9996E9

■ 5550E9

■ AFAEE9

■ 3E39E9

■ C6C5E9

■ 2722E9

■ DDDCE9

■ 110BE9

■ F3F4E9

■ 0700E9

■ FFFFE9

Harmonies

Analogous

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



0093F4



827FE9



C667C5

Triad

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



827FE9



D17231



00A385

Complementary

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



827FE9



E6E97F

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.



249F4F



827FE9



A98710

Square

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



827FE9



E75E5E



769622



00A3BA

Rectangle

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



827FE9



DF5BA4



769622



00A272

Sweetspot

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



827FE9



DCDBFF



7FE7E9



6A6A80



000000



808080

Same Dimension

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



827FE9



7773FF



B67FE9



6A6A75



0500B5



020036

Inverse Universe

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



E97FE6



FF73FB



B2E97F



756A75



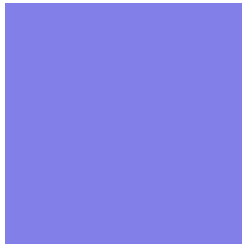
B500B0



360034

Previews

White Background



This preview shows how the Hex color 827FE9 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

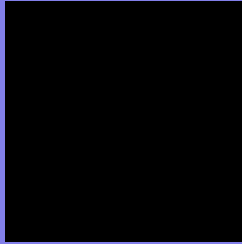
Any Text WCAG AA ✓ Pass

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 827FE9 Background



This preview shows how black text looks on a background with the Hex color 827FE9.



This preview shows how white text looks on a background with the Hex color 827FE9.

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](#).

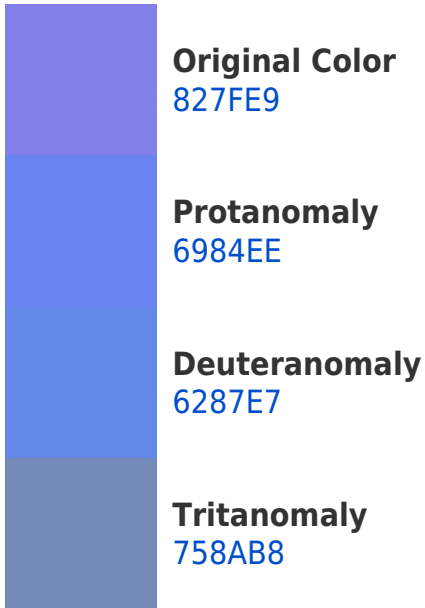
Dichromacy



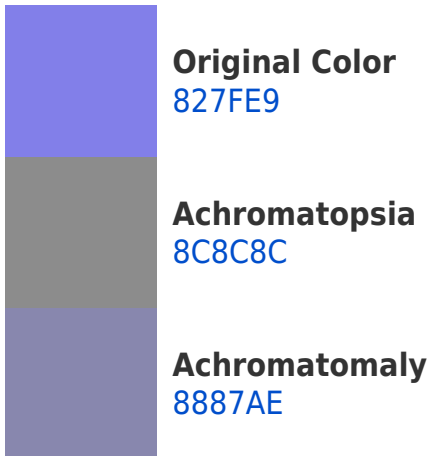


Tritanopia
6E909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 827FE9 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 #827FE9 looks like.

```
.text, #text, p{  
    color:#827FE9  
}
```

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 #827FE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827FE9
}
```

Border

The CSS property to change the border of an element to Hex 827FE9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

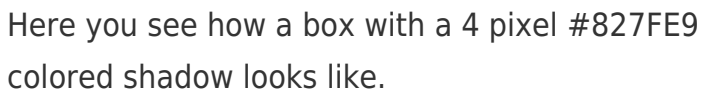
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827FE9 }
```

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

```
.border{ border-color:#827FE9 }
```

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



Here you see how a box with a 4 pixel #827FE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827FE9; -webkit-box-shadow:4px 4px  
4px 4px #827FE9; box-shadow:4px 4px 4px  
4px #827FE9 }
```

Background

The CSS property to change the background color of an element to Hex 827FE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827FE9 }
```

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

```
.background{ background-color:#827FE9 }
```

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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