

Converting Colors

Hex(887FDD)

Have a look what the booklet for
Hex(887FDD) contains.

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Color

Hex(887FDD)

Conversions

Conversions Part 1

Format	Color
Hex	887FDD
RGB	136, 127, 221
RGB Percent	53%, 50%, 87%
CMY	0.4667, 0.5020, 0.1333
CMYK	0.38, 0.43, 0.00, 0.13
HSL	246°, 58%, 68%
HSV	246°, 43%, 87%
XYZ	30.7939, 25.6334, 71.7313
YIQ	140.4070, -24.8100, 31.1420

Conversions

Conversions Part 2

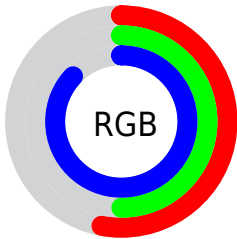
Format	Color
R_{YB}	136, 127, 221
Decimal	8945629
CIE _{Lab}	57.69, 25.79, -46.98
CIE _{LCh}	58, 53.592, 298.767
Yxy	25.6334, 0.2403, 0.2000
Android (android.graphics.Color)	4287135709 (0xFF887FDD)
YUV	140.4070, 39.7323, -3.8649
Hunter-Lab	50.6295, 19.9657, -48.5609

Details

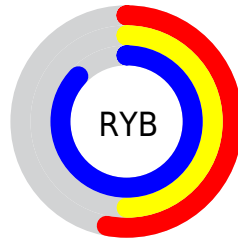
The Hex color **887FDD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D4DD7F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **C0B4FF**, and **514EA5** is the 20% darker color. If you saturate the color by 10%, you get **7469DD**, and if you desaturate by 10%, it is **9C95DD**.

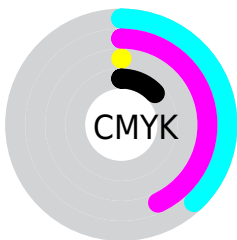
Distribution



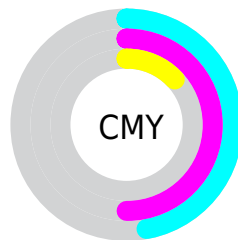
- Red (53%)
- Green (50%)
- Blue (87%)



- Red (53%)
- Yellow (50%)
- Blue (87%)



- Cyan (38%)
- Magenta (43%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 887FDD 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 887FDD by changing the saturation by 10% instead.

887FDD

887FDD

FFFFFF

6C66C1

C0B4FF

514EA5

DDCFFF

35378B

FBECFF

142271

000E58

000040

000329

000113

000000

■ 887FDD

■ 887FDD

■ 7469DD

■ 9C95DD

■ 6053DD

■ B0ABDD

■ 4C3DDD

■ C4C1DD

■ 3827DD

■ D8D7DD

■ 2411DD

■ ECEEDD

■ 1500DD

■ FFFFDD

Harmonies

Analogous

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



0090E8



887FDD



C26BBC

Triad

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



887FDD



C9763A



00A187

Complementary

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



887FDD



D4DD7F

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.



349D58



887FDD



A58825

Square

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



887FDD



DE6560



779532



00A1B6

Rectangle

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



887FDD



D7629E



779532



00A077

Sweetspot

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



887FDD



E1DEFF



7FD5DD



6D6B80



000000



808080

Same Dimension

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



887FDD



897DFF



B67FDD



64636E



1100AD



04002E

Inverse Universe

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



DD7FD4



FF7DF3



A6DD7F



6E636D



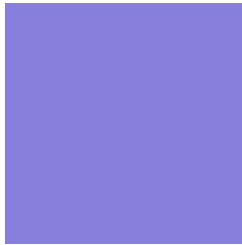
AD009D



2E002A

Previews

White Background



This preview shows how the Hex color 887FDD 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

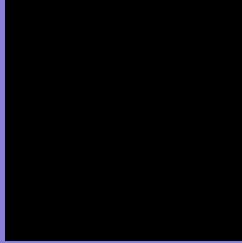
Any Text WCAG AA ✓ Pass

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 887FDD Background



This preview shows how black text looks on a background with the Hex color 887FDD.

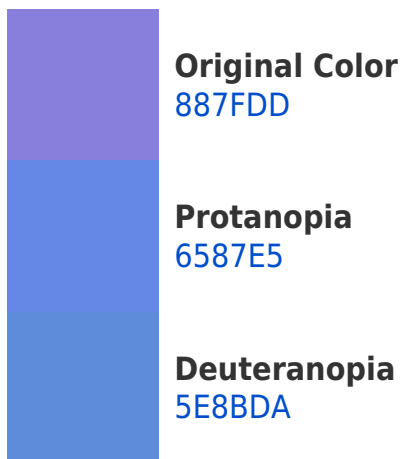


This preview shows how white text looks on a background with the Hex color 887FDD.

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](#).

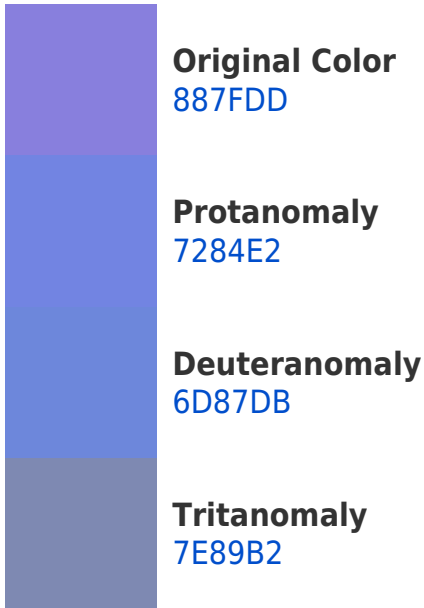
Dichromacy



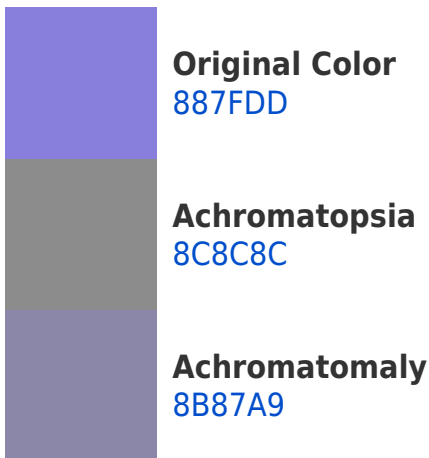


Tritanopia
788E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 887FDD 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 #887FDD looks like.

```
.text, #text, p{  
    color:#887FDD  
}
```

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 #887FDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887FDD
}
```

Border

The CSS property to change the border of an element to Hex 887FDD is called "border". The border property can be set on classes, ids or directly on the HTML element.

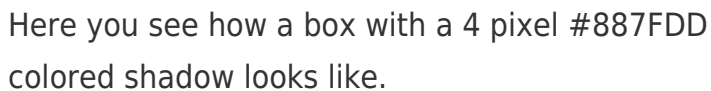
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#887FDD }
```

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

```
.border{ border-color:#887FDD }
```

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



Here you see how a box with a 4 pixel #887FDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887FDD; -webkit-box-shadow:4px 4px  
4px 4px #887FDD; box-shadow:4px 4px 4px  
4px #887FDD }
```

Background

The CSS property to change the background color of an element to Hex 887FDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887FDD }
```

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

```
.background{ background-color:#887FDD }
```

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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