

Converting Colors

Hex(845FD7)

Have a look what the booklet for
Hex(845FD7) contains.

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Color

Hex(845FD7)

Conversions

Conversions Part 1

Format	Color
Hex	845FD7
RGB	132, 95, 215
RGB Percent	52%, 37%, 84%
CMY	0.4824, 0.6275, 0.1569
CMYK	0.39, 0.56, 0.00, 0.16
HSL	258°, 60%, 61%
HSV	258°, 56%, 84%
XYZ	25.8737, 17.9962, 66.3999
YIQ	119.7430, -16.4680, 45.1640

Conversions

Conversions Part 2

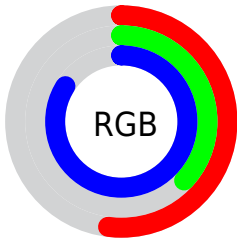
Format	Color
R_{YB}	132, 95, 215
Decimal	8675287
CIE _{Lab}	49.49, 41.76, -56.69
CIE _{LCh}	49, 70.406, 306.377
Yxy	17.9962, 0.2346, 0.1632
Android (android.graphics.Color)	4286865367 (0xFF845FD7)
YUV	119.7430, 46.9617, 10.7494
Hunter-Lab	42.4220, 34.6308, -63.1067

Details

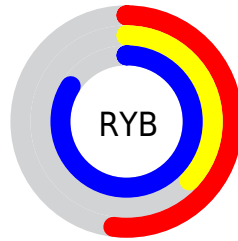
The Hex color **845FD7** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **B2D75F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **BD93FF**, and **4C2F9F** is the 20% darker color. If you saturate the color by 10%, you get **754AD7**, and if you desaturate by 10%, it is **9375D7**.

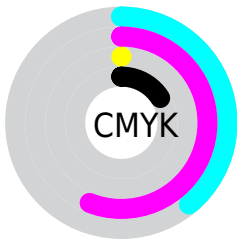
Distribution



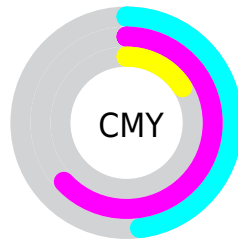
- Red (52%)
- Green (37%)
- Blue (84%)



- Red (52%)
- Yellow (37%)
- Blue (84%)



- Cyan (39%)
- Magenta (56%)
- Yellow (0%)
- Black (16%)



- Cyan (48%)
- Magenta (63%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 845FD7 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 845FD7 by changing the saturation by 10% instead.

 845FD7

 845FD7

FFFFFF

 6846BB

 BD93FF

 4C2F9F

 DAAEFF

 2E1785

 F8C9FF

 01006B

 FFE6FF

 000052

 00053A

 000223

 00000A

 000000

845FD7

845FD7

754AD7

9375D7

6634D7

A28AD7

571ED7

B1A0D7

4909D7

BFB5D7

4200D7

CECBD7

DDE0D7

ECF6D7

FBFFD7

FFFFD7

Harmonies

Analogous

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



0079EE



845FD7



C53DA7

Triad

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



845FD7



B36000



009081

Complementary

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



845FD7



B2D75F

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.



008D42



845FD7



837700

Square

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



845FD7



D44132



428500



008FBC

Rectangle

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



845FD7



D92B80



428500



008F6C

Sweetspot

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



845FD7



E1D4FF



5FB3D7



6E6680



000000



808080

Same Dimension

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



845FD7



8954FF



BF5FD7



64606B



3500AB



0D002B

Inverse Universe

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



D75FB2



FF54CA



77D75F



6B6068



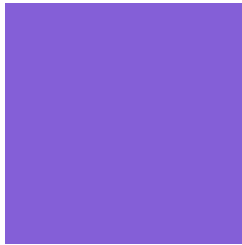
AB0076



2B001E

Previews

White Background



This preview shows how the Hex color 845FD7 looks on a white background.

Color Contrast Check

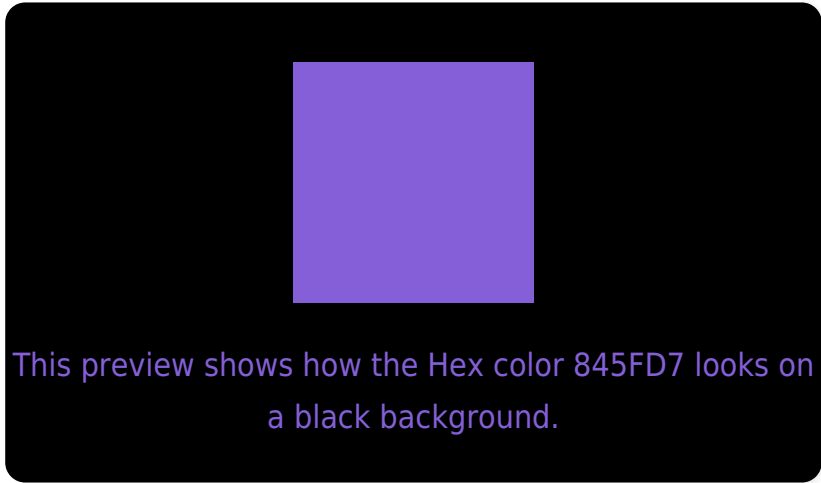
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

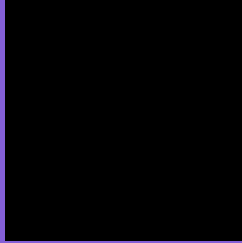
Any Text WCAG AA ✓ Pass

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 845FD7 Background



This preview shows how black text looks on a background with the Hex color 845FD7.

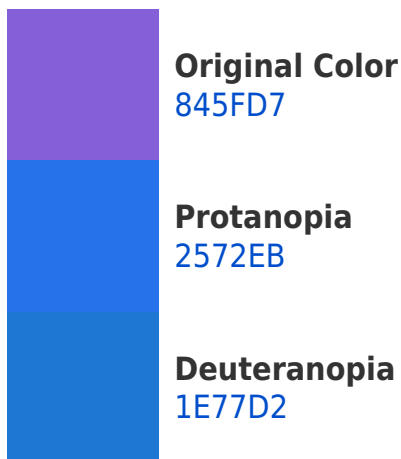



This preview shows how white text looks on a background with the Hex color 845FD7.

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](#).

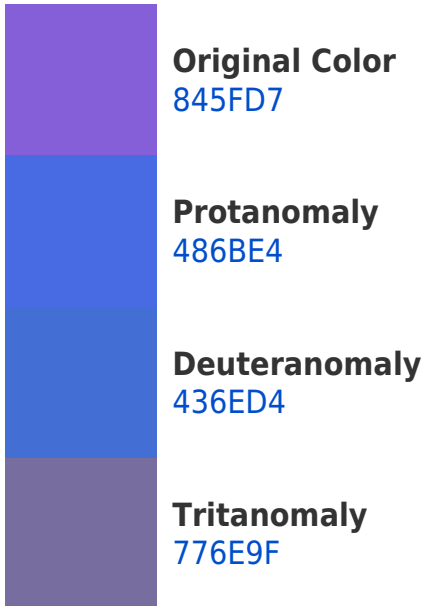
Dichromacy



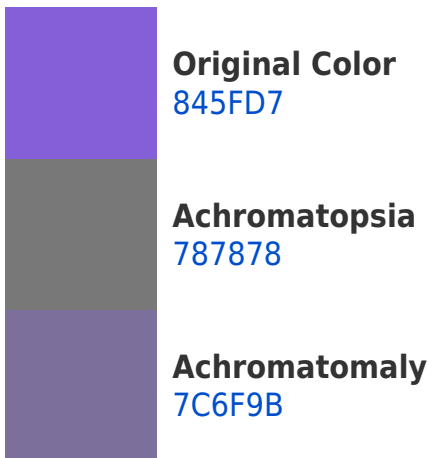


Tritanopia
70767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 845FD7 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 #845FD7 looks like.

```
.text, #text, p{  
    color:#845FD7  
}
```

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 #845FD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845FD7
}
```

Border

The CSS property to change the border of an element to Hex 845FD7 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
#845FD7 }
```

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

```
.border{ border-color:#845FD7 }
```

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

Here you see how a box with a 4 pixel #845FD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845FD7; -webkit-box-shadow:4px 4px  
4px 4px #845FD7; box-shadow:4px 4px 4px  
4px #845FD7 }
```

Background

The CSS property to change the background color of an element to Hex 845FD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845FD7 }
```

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

```
.background{ background-color:#845FD7 }
```

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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