

Converting Colors

Hex(855FE2)

Have a look what the booklet for
Hex(855FE2) contains.

Hex(855FE2)	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(855FE2)

Conversions

Conversions Part 1

Format	Color
Hex	855FE2
RGB	133, 95, 226
RGB Percent	52%, 37%, 89%
CMY	0.4784, 0.6275, 0.1137
CMYK	0.41, 0.58, 0.00, 0.11
HSL	257°, 69%, 63%
HSV	257°, 58%, 89%
XYZ	27.4925, 18.6620, 74.1046
YIQ	121.2960, -19.4030, 48.7970

Conversions

Conversions Part 2

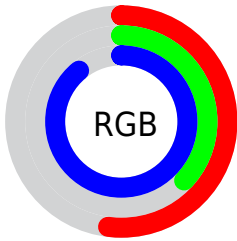
Format	Color
R _Y B	133, 95, 226
Decimal	8740834
CIE Lab	50.29, 44.94, -61.63
CIE LCh	50, 76.277, 306.099
Yxy	18.6620, 0.2286, 0.1552
Android (android.graphics.Color)	4286930914 (0xFF855FE2)
YUV	121.2960, 51.6191, 10.2644
Hunter-Lab	43.1995, 37.9999, -71.4667

Details

The Hex color **855FE2** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **BCE25F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BF93FF**, and **4B2EAA** is the 20% darker color. If you saturate the color by 10%, you get **7548E2**, and if you desaturate by 10%, it is **9576E2**.

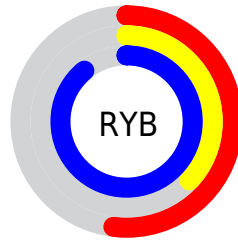
Distribution



Red (52%)

Green (37%)

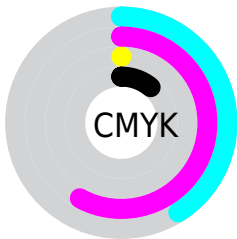
Blue (89%)



Red (52%)

Yellow (37%)

Blue (89%)

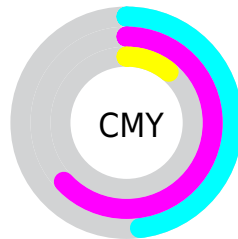


Cyan (41%)

Magenta (58%)

Yellow (0%)

Black (11%)



Cyan (48%)

Magenta (63%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 855FE2 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 855FE2 by changing the saturation by 10% instead.

 855FE2

 855FE2

FFFFFF

 6846C6

 BF93FF

 4B2EAA

 DCAEFF

 2B168F

 FACAFF

 000074

 FFE6FF

 00005B

 000542

 00032B

 000115

 000000

 855FE2

 855FE2

 7548E2

 9576E2

 6532E2

 A58CE2

 551BE2

 B5A3E2

 4505E2

 C5B9E2

 4200E2

 D5D0E2

 E5E7E2

 F5FDE2

 FFFFE2

Harmonies

Analogous

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



007CFB



855FE2



CD36AE

Triad

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



855FE2



BA6000



009384

Complementary

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



855FE2



BCE25F

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.



00903F



855FE2



867900

Square

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



855FE2



DD3B2E



3D8800



0093C3

Rectangle

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



855FE2



E31B83



3D8800



00926D

Sweetspot

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



855FE2



E0D4FF



5FBDE2



6D6680



000000



808080

Same Dimension

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



855FE2



804DFF



C65FE2



686570



3300B0



0E0030

Inverse Universe

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



E25FBC



FF4DCB



7BE25F



70656D



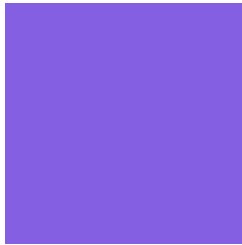
B0007D



300022

Previews

White Background



This preview shows how the Hex color 855FE2 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 855FE2 Background



This preview shows how black text looks on a background with the Hex color 855FE2.

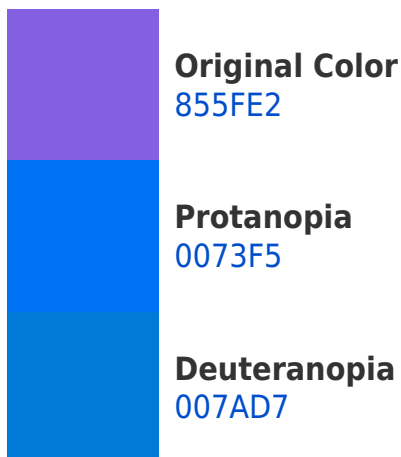


This preview shows how white text looks on a background with the Hex color 855FE2.

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](#).

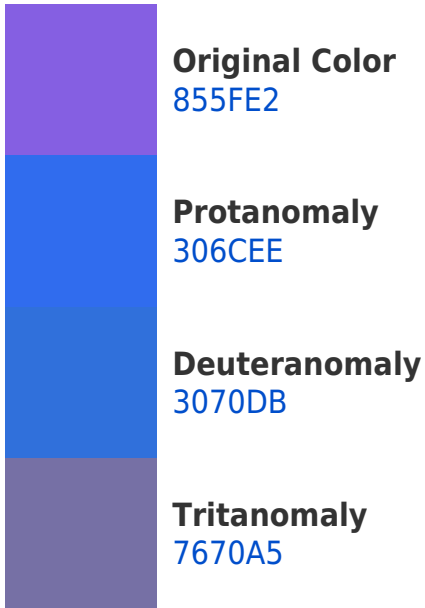
Dichromacy



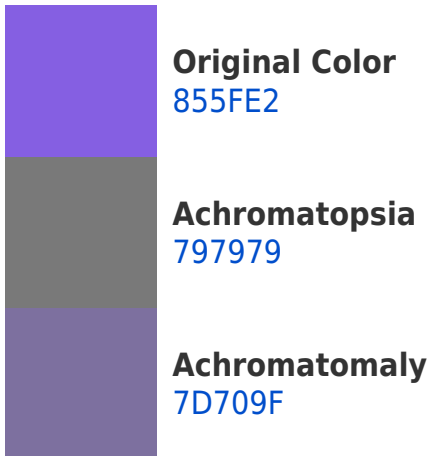


Tritanopia
6E7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 855FE2 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 #855FE2 looks like.

```
.text, #text, p{  
    color:#855FE2  
}
```

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 #855FE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855FE2
}
```

Border

The CSS property to change the border of an element to Hex 855FE2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

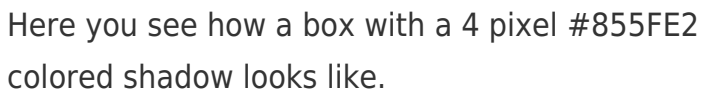
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#855FE2 }
```

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

```
.border{ border-color:#855FE2 }
```

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



Here you see how a box with a 4 pixel #855FE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855FE2; -webkit-box-shadow:4px 4px  
4px 4px #855FE2; box-shadow:4px 4px 4px  
4px #855FE2 }
```

Background

The CSS property to change the background color of an element to Hex 855FE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855FE2 }
```

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

```
.background{ background-color:#855FE2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor