

Converting Colors

Hex(875FF3)

Have a look what the booklet for
Hex(875FF3) contains.

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Color

Hex(875FF3)

Conversions

Conversions Part 1

Format	Color
Hex	875FF3
RGB	135, 95, 243
RGB Percent	53%, 37%, 95%
CMY	0.4706, 0.6275, 0.0471
CMYK	0.44, 0.61, 0.00, 0.05
HSL	256°, 86%, 66%
HSV	256°, 61%, 95%
XYZ	30.2615, 19.8064, 87.0221
YIQ	123.8320, -23.6680, 54.5080

Conversions

Conversions Part 2

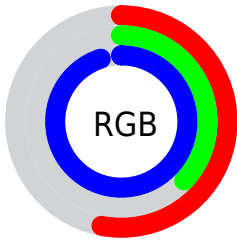
Format	Color
R _Y B	135, 95, 243
Decimal	8871923
CIE _{Lab}	51.62, 49.96, -69.02
CIE _{LCh}	52, 85.208, 305.900
Y _{xy}	19.8064, 0.2207, 0.1445
Android (android.graphics.Color)	4287062003 (0xFF875FF3)
Y _{UV}	123.8320, 58.7498, 9.7943
Hunter-Lab	44.5044, 43.4917, -84.7803

Details

The Hex color **875FF3** 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 **CBF35F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C293FF**, and **4A2EBA** is the 20% darker color. If you saturate the color by 10%, you get **7547F3**, and if you desaturate by 10%, it is **9977F3**.

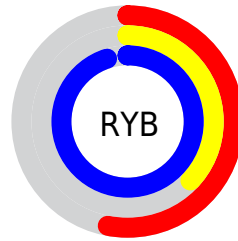
Distribution



Red (53%)

Green (37%)

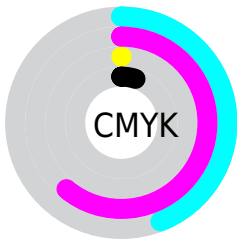
Blue (95%)



Red (53%)

Yellow (37%)

Blue (95%)

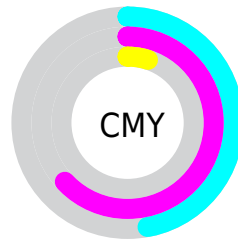


Cyan (44%)

Magenta (61%)

Yellow (0%)

Black (5%)



Cyan (47%)

Magenta (63%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 875FF3 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 875FF3 by changing the saturation by 10% instead.

 875FF3

 875FF3

FFFFFF

 6946D6

 C293FF

 4A2EBA

 E0AEFF

 27149E

 FFCAFF

 000083

 FFE7FF

 000069

 000050

 000538

 000221

 000007

875FF3

875FF3

7547F3

9977F3

642EF3

AA90F3

5216F3

BCA8F3

4200F3

CEC0F3

E0D8F3

F1F1F3

FFFFF3

Harmonies

Analogous

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



0081FF



875FF3



DA27B8

Triad

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



875FF3



C36000



009988

Complementary

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



875FF3



CBF35F

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.



00953A



875FF3



897D00

Square

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



875FF3



EB2F29



358D00



0099D0

Rectangle

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



875FF3



F20088



358D00



00986E

Sweetspot

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



875FF3



DED1FF



5FCCF3



6B6380



000000



808080

Same Dimension

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



875FF3



7745FF



D05FF3



716E7A



3200BA



10003B

Inverse Universe

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



F35FCB



FF45CD



82F35F



7A6E77



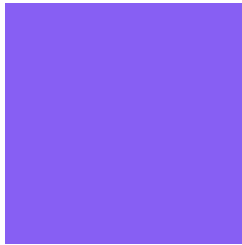
BA0088



3B002B

Previews

White Background



This preview shows how the Hex color 875FF3 looks on a white background.

Color Contrast Check

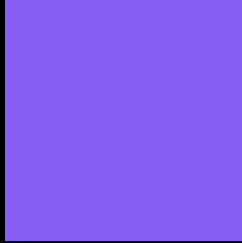
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 875FF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

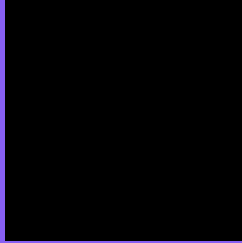
Any Text WCAG AA ✓ Pass

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 875FF3 Background



This preview shows how black text looks on a background with the Hex color 875FF3.

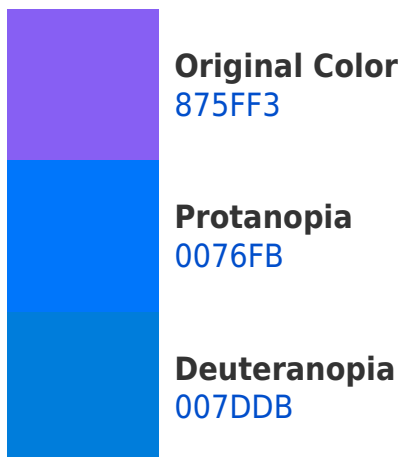


This preview shows how white text looks on a background with the Hex color 875FF3.

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](#).

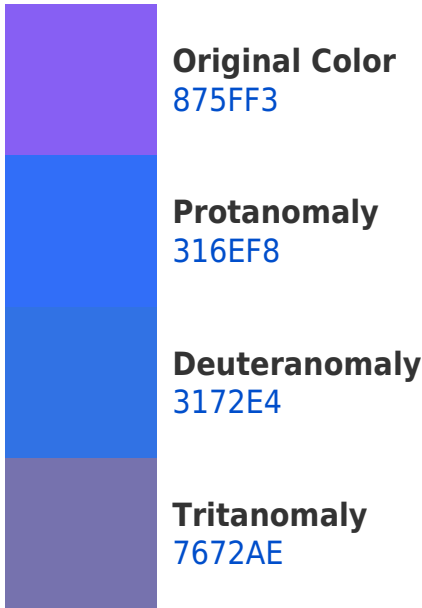
Dichromacy



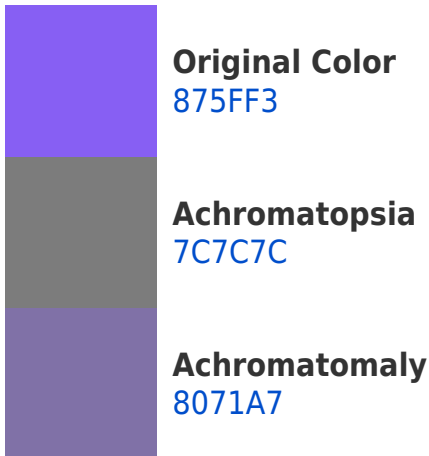


Tritanopia
6C7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 875FF3 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 #875FF3 looks like.

```
.text, #text, p{  
    color:#875FF3  
}
```

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 #875FF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875FF3
}
```

Border

The CSS property to change the border of an element to Hex 875FF3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

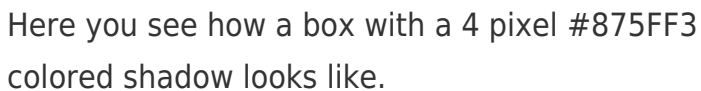
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#875FF3 }
```

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

```
.border{ border-color:#875FF3 }
```

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



Here you see how a box with a 4 pixel #875FF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875FF3; -webkit-box-shadow:4px 4px  
4px 4px #875FF3; box-shadow:4px 4px 4px  
4px #875FF3 }
```

Background

The CSS property to change the background color of an element to Hex 875FF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875FF3 }
```

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

```
.background{ background-color:#875FF3 }
```

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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