

Converting Colors

Hex(8647FE)

Have a look what the booklet for
Hex(8647FE) contains.

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Color

Hex(8647FE)

Conversions

Conversions Part 1

Format	Color
Hex	8647FE
RGB	134, 71, 254
RGB Percent	53%, 28%, 100%
CMY	0.4745, 0.7216, 0.0039
CMYK	0.47, 0.72, 0.00, 0.00
HSL	261°, 99%, 64%
HSV	261°, 72%, 100%
XYZ	29.9741, 16.7306, 95.4154
YIQ	110.6990, -21.1950, 70.2690

Conversions

Conversions Part 2

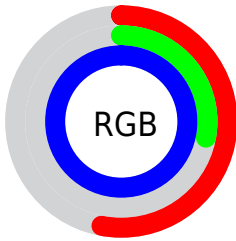
Format	Color
RYB	134, 71, 254
Decimal	8800254
CIELab	47.92, 64.82, -81.18
CIELCh	48, 103.889, 308.606
Yxy	16.7306, 0.2109, 0.1177
Android (android.graphics.Color)	4286990334 (0xFF8647FE)
YUV	110.6990, 70.6474, 20.4350
Hunter-Lab	40.9030, 59.2263, -109.6751

Details

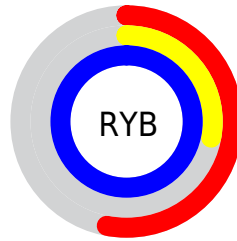
The Hex color **8647FE** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **BFFE47**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **C37DFF**, and **4509C4** is the 20% darker color. If you saturate the color by 10%, you get **752EFE**, and if you desaturate by 10%, it is **9760FE**.

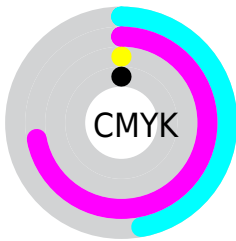
Distribution



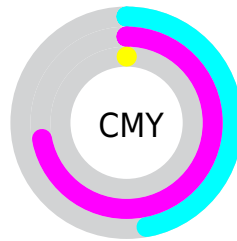
- Red (53%)
- Green (28%)
- Blue (100%)



- Red (53%)
- Yellow (28%)
- Blue (100%)



- Cyan (47%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (72%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8647FE 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 8647FE by changing the saturation by 10% instead.

 8647FE

 8647FE

FFFFFF

 672CE1

 C37DFF

 4509C4

 E298FF

 1600A8

 FFB4FF

 00008C

 FFD0FF

 000072

 FFEDFF

 000358

 000740

 000329

 000113

 8647FE

 8647FE

 752EFE

 9760FE

 6514FE

 A77AFE

 5700FE

 B893FE

 C9ADFE

 D9C6FE

 EADFFE

 FBF9FE

FFFFFFE

Harmonies

Analogous

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



0078FF



8647FE



E600B4

Triad

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



8647FE



BC5300



00928A

Complementary

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



8647FE



BFFE47

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.



008F2A



8647FE



747700

Square

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



8647FE



EE0000



008800



0093DF

Rectangle

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



8647FE



FE007A



008800



00916B

Sweetspot

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



8647FE



DAC7FF



47C1FE



6A5E80



000000



808080

Same Dimension

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



8647FE



6F24FF



E047FE



777380



4200BF



160040

Inverse Universe

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



FE47BF



FF24B4



66FE47



80737B



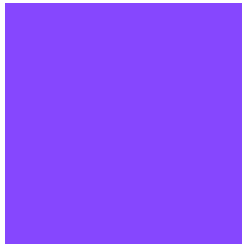
BF007D



40002A

Previews

White Background



This preview shows how the Hex color 8647FE looks on a white background.

Color Contrast Check

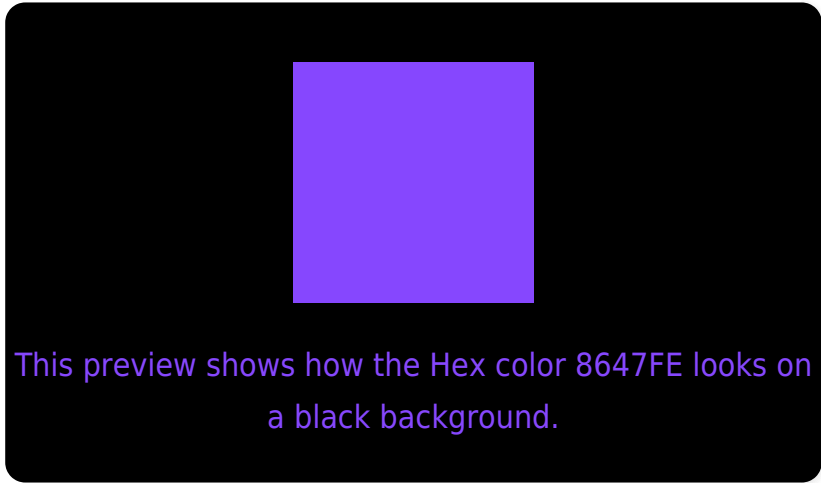
Large Text (above 18pt) WCAG AA ✓ Pass

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

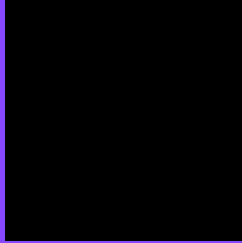
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8647FE Background



This preview shows how black text looks on a background with the Hex color 8647FE.

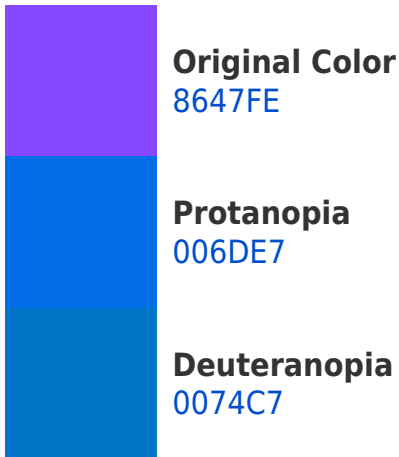


This preview shows how white text looks on a background with the Hex color 8647FE.

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](#).

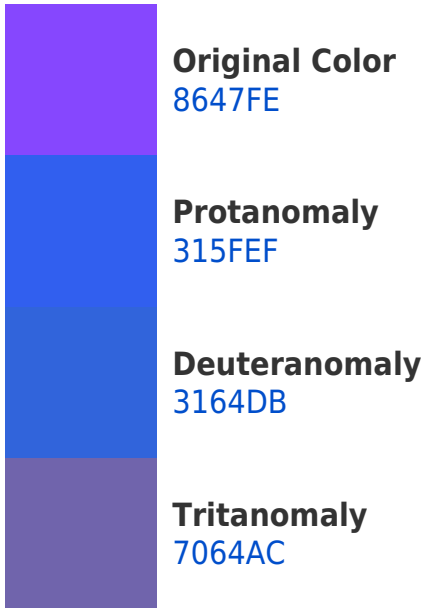
Dichromacy



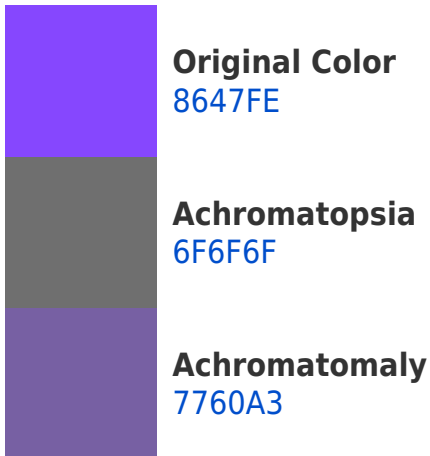


Tritanopia
64747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8647FE 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 #8647FE looks like.

```
.text, #text, p{  
    color:#8647FE  
}
```

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 #8647FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8647FE
}
```

Border

The CSS property to change the border of an element to Hex 8647FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

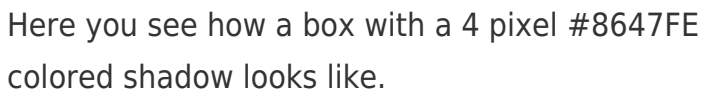
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8647FE }
```

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

```
.border{ border-color:#8647FE }
```

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



Here you see how a box with a 4 pixel #8647FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8647FE; -webkit-box-shadow:4px 4px  
4px 4px #8647FE; box-shadow:4px 4px 4px  
4px #8647FE }
```

Background

The CSS property to change the background color of an element to Hex 8647FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8647FE }
```

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

```
.background{ background-color:#8647FE }
```

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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