

Converting Colors

Hex(8E87F1)

Have a look what the booklet for
Hex(8E87F1) contains.

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Color

Hex(8E87F1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8E87F1 |
| RGB | 142, 135, 241 |
| RGB Percent | 56%, 53%, 95% |
| CMY | 0.4431, 0.4706, 0.0549 |
| CMYK | 0.41, 0.44, 0.00, 0.05 |
| HSL | 244°, 79%, 74% |
| HSV | 244°, 44%, 95% |
| XYZ | 35.6965, 29.4296, 87.0182 |
| YIQ | 149.1770, -29.8540, 34.4500 |

Conversions

Conversions Part 2

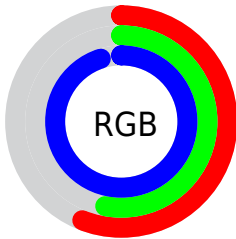
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 142, 135, 241 |
| Decimal | 9340913 |
| CIE _{Lab} | 61.16, 28.16, -52.57 |
| CIE _{LCh} | 61, 59.637, 298.179 |
| Yxy | 29.4296, 0.2346, 0.1934 |
| Android (android.graphics.Color) | 4287530993 (0xFF8E87F1) |
| YUV | 149.1770, 45.2687, -6.2942 |
| Hunter-Lab | 54.2491, 22.5191, -57.1297 |

Details

The Hex color **8E87F1** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EAF187**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C7BCFF**, and **5555B8** is the 20% darker color. If you saturate the color by 10%, you get **776FF1**, and if you desaturate by 10%, it is **A59FF1**.

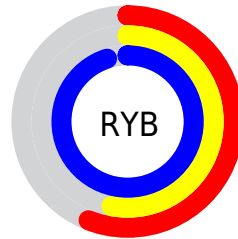
Distribution



Red (56%)

Green (53%)

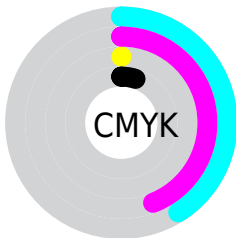
Blue (95%)



Red (56%)

Yellow (53%)

Blue (95%)

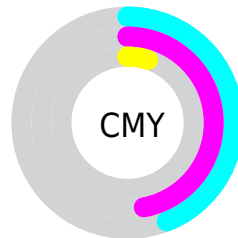


Cyan (41%)

Magenta (44%)

Yellow (0%)

Black (5%)



Cyan (44%)

Magenta (47%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E87F1 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 8E87F1 by changing the saturation by 10% instead.

 8E87F1

 8E87F1

FFFFFF

 726ED4

 C7BCFF

 5555B8

 E5D8FF

 383E9D

 FFF5FF

 132882

 001469

 000050

 000538

 000221

 000007

■ 8E87F1

■ 8E87F1

■ 776FF1

■ A59FF1

■ 6157F1

■ BBB7F1

■ 4A3FF1

■ D2CFF1

■ 3427F1

■ E8E7F1

■ 1D0FF1

■ FFFFF1

■ 1000F1

Harmonies

Analogous

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



009BFD



8E87F1



D070CC

Triad

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



8E87F1



DA7B39



00AC8F

Complementary

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



8E87F1



EAF187

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.



2FA859



8E87F1



B2901E

Square

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



8E87F1



F16865



7E9F2E



00ACC4

Rectangle

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



8E87F1



E965AB



7E9F2E



00AC7C

Sweetspot

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



8E87F1



E0DEFF



87ECF1



6C6B80



000000



808080

Same Dimension

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



8E87F1



8178FF



C187F1



6D6C78



0C00B8



040038

Inverse Universe

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



F187EA



FF78F6



B7F187



786C77



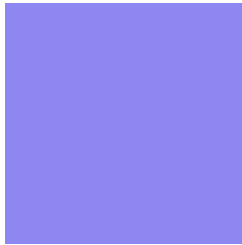
B800AB



380034

Previews

White Background



This preview shows how the Hex color 8E87F1 looks on a white background.

Color Contrast Check

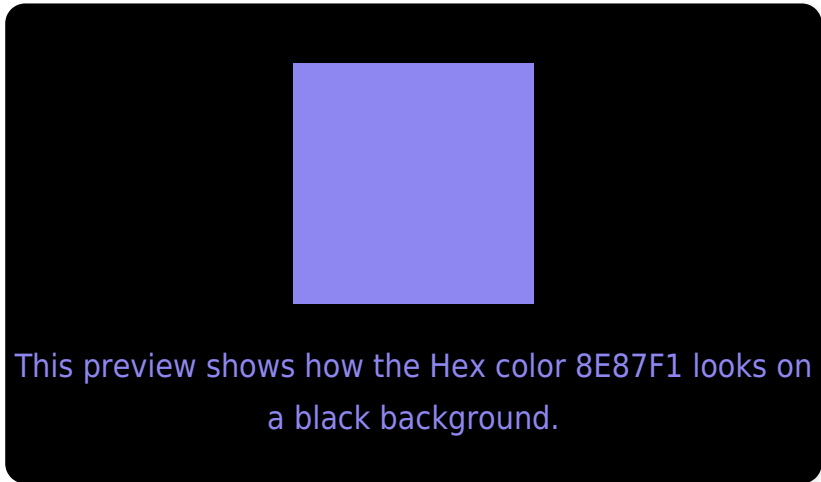
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E87F1 Background



This preview shows how black text looks on a background with the Hex color 8E87F1.



This preview shows how white text looks on a background with the Hex color 8E87F1.

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](#).

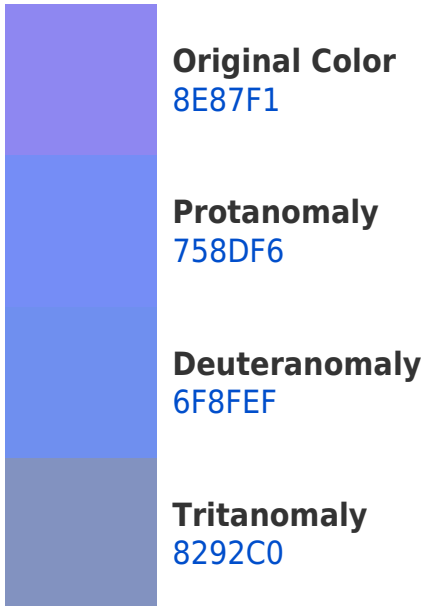
Dichromacy





Tritanopia
7B98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8E87F1 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 #8E87F1 looks like.

```
.text, #text, p{  
    color:#8E87F1  
}
```

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 #8E87F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E87F1
}
```

Border

The CSS property to change the border of an element to Hex 8E87F1 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
#8E87F1 }
```

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

```
.border{ border-color:#8E87F1 }
```

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

Here you see how a box with a 4 pixel #8E87F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E87F1; -webkit-box-shadow:4px 4px  
4px 4px #8E87F1; box-shadow:4px 4px 4px  
4px #8E87F1 }
```

Background

The CSS property to change the background color of an element to Hex 8E87F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E87F1 }
```

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

```
.background{ background-color:#8E87F1 }
```

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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