

Converting Colors

Hex(878ED7)

Have a look what the booklet for
Hex(878ED7) contains.

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Color

Hex(878ED7)

Conversions

Conversions Part 1

Format	Color
Hex	878ED7
RGB	135, 142, 215
RGB Percent	53%, 56%, 84%
CMY	0.4706, 0.4431, 0.1569
CMYK	0.37, 0.34, 0.00, 0.16
HSL	235°, 50%, 69%
HSV	235°, 37%, 84%
XYZ	31.9304, 29.4032, 68.2824
YIQ	148.2290, -27.6050, 21.2190

Conversions

Conversions Part 2

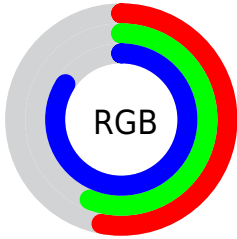
Format	Color
RYB	135, 141, 215
Decimal	8883927
CIELab	61.14, 15.10, -38.20
CIELCh	61, 41.074, 291.571
Yxy	29.4032, 0.2463, 0.2268
Android (android.graphics.Color)	4287074007 (0xFF878ED7)
YUV	148.2290, 32.9181, -11.6018
Hunter-Lab	54.2247, 10.2171, -36.7036

Details

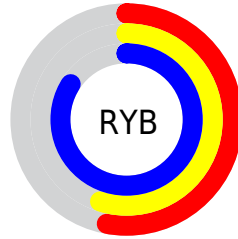
The Hex color **878ED7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D7D087**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **BFC4FF**, and **515CA0** is the 20% darker color. If you saturate the color by 10%, you get **717AD7**, and if you desaturate by 10%, it is **9DA2D7**.

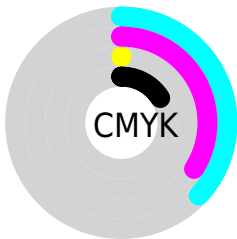
Distribution



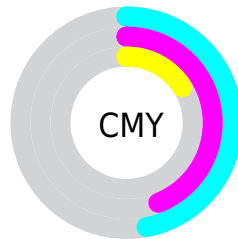
- Red (53%)
- Green (56%)
- Blue (84%)



- Red (53%)
- Yellow (55%)
- Blue (84%)



- Cyan (37%)
- Magenta (34%)
- Yellow (0%)
- Black (16%)



- Cyan (47%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878ED7 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 878ED7 by changing the saturation by 10% instead.

■ 878ED7

■ 878ED7

FFFFFF

■ 6C75BB

■ BFC4FF

■ 515CA0

■ DBDFFF

■ 364585

■ F8FCFF

■ 192F6C

■ 001A53

■ 00003C

■ 000225

■ 00010D

■ 000000

■ 878ED7

■ 878ED7

■ 717AD7

■ 9DA2D7

■ 5C67D7

■ B2B5D7

■ 4653D7

■ C8C9D7

■ 3140D7

■ DDDCD7

■ 1B2CD7

■ F3F0D7

■ 0618D7

■ FFFFD7

■ 0013D7

Harmonies

Analogous

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



3F9ADB



878ED7



B780C1

Triad

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



878ED7



CD815C



28A688

Complementary

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



878ED7



D7D087

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.



65A265



878ED7



B38E4B

Square

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



878ED7



D9777B



90994E



00A6AD

Rectangle

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



878ED7



CB79AB



90994E



42A57B

Sweetspot

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



878ED7



E3E5FF



87D7CF



6F7080



000000



808080

Same Dimension

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



878ED7



8C96FF



A787D7



60616B



000FAB



00042B

Inverse Universe

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



D7878E



FF8C96



B7D787



6B6061



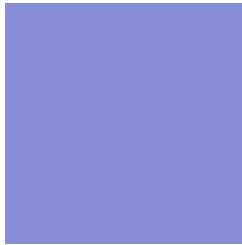
AB000F



2B0004

Previews

White Background



This preview shows how the Hex color 878ED7 looks on a white background.

Color Contrast Check

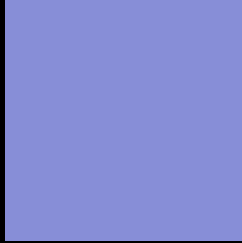
Large Text (above 18pt) WCAG AA ✓ Pass

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 878ED7 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 878ED7 Background



This preview shows how black text looks on a background with the Hex color 878ED7.

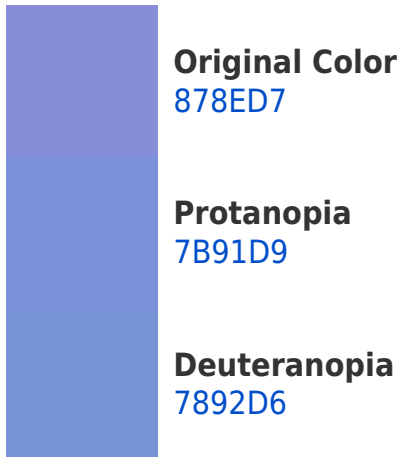


This preview shows how white text looks on a background with the Hex color 878ED7.

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](#).

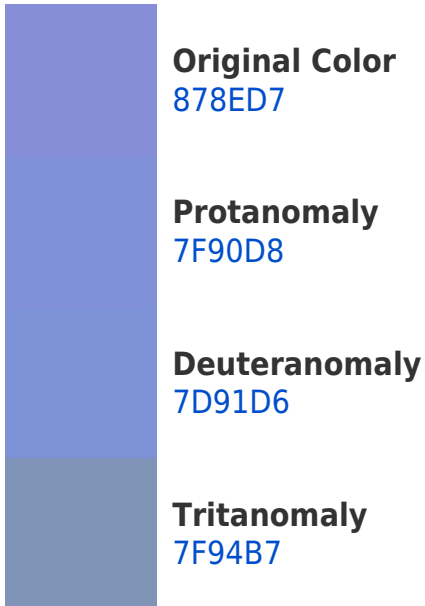
Dichromacy



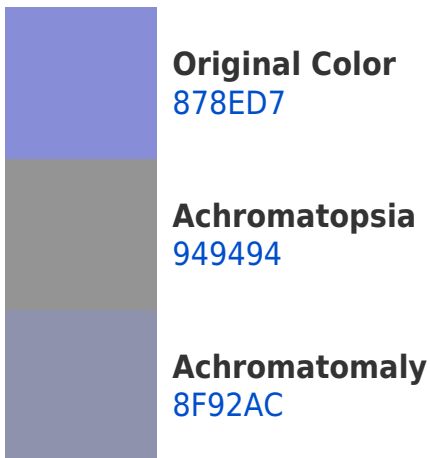


Tritanopia
7B98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 878ED7 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 #878ED7 looks like.

```
.text, #text, p{  
    color:#878ED7  
}
```

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 #878ED7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878ED7
}
```

Border

The CSS property to change the border of an element to Hex 878ED7 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
#878ED7 }
```

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

```
.border{ border-color:#878ED7 }
```

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

Here you see how a box with a 4 pixel #878ED7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878ED7; -webkit-box-shadow:4px 4px  
4px 4px #878ED7; box-shadow:4px 4px 4px  
4px #878ED7 }
```

Background

The CSS property to change the background color of an element to Hex 878ED7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878ED7 }
```

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

```
.background{ background-color:#878ED7 }
```

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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