

Converting Colors

Hex(8B80EA)

Have a look what the booklet for
Hex(8B80EA) contains.

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Color

Hex(8B80EA)

Conversions

Conversions Part 1

Format	Color
Hex	8B80EA
RGB	139, 128, 234
RGB Percent	55%, 50%, 92%
CMY	0.4549, 0.4980, 0.0824
CMYK	0.41, 0.45, 0.00, 0.08
HSL	246°, 72%, 71%
HSV	246°, 45%, 92%
XYZ	33.2179, 26.8678, 81.2771
YIQ	143.3730, -27.4700, 35.2980

Conversions

Conversions Part 2

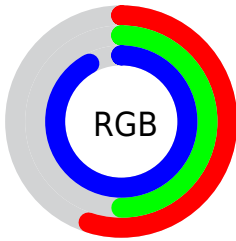
Format	Color
R _Y B	139, 128, 234
Decimal	9142506
CIE Lab	58.85, 29.56, -52.37
CIE LCh	59, 60.136, 299.439
Yxy	26.8678, 0.2350, 0.1901
Android (android.graphics.Color)	4287332586 (0xFF8B80EA)
YUV	143.3730, 44.6791, -3.8351
Hunter-Lab	51.8342, 23.6818, -56.6841

Details

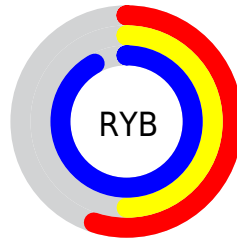
The Hex color **8B80EA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DFEA80**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **C4B5FF**, and **534FB2** is the 20% darker color. If you saturate the color by 10%, you get **7669EA**, and if you desaturate by 10%, it is **A097EA**.

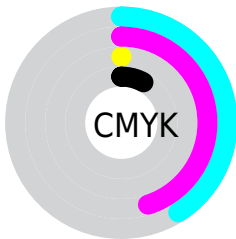
Distribution



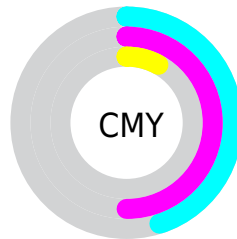
- Red (55%)
- Green (50%)
- Blue (92%)



- Red (55%)
- Yellow (50%)
- Blue (92%)



- Cyan (41%)
- Magenta (45%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (50%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B80EA 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 8B80EA by changing the saturation by 10% instead.

 8B80EA

 8B80EA

FFFFFF

 6F67CD

 C4B5FF

 534FB2

 E1D1FF

 353896

 FFEDFF

 0F227C

 000E62

 00004A

 000432

 00021C


 000000

 8B80EA

 8B80EA

 7669EA

 A097EA

 6151EA

 B5AFEA

 4C3AEA

 CAC6EA

 3722EA

 DFDEEA

 220BEA

 F4F5EA

 1800EA

 FFFFEA

Harmonies

Analogous

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



0094F7



8B80EA



CC69C4

Triad

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



8B80EA



D27631



00A68B

Complementary

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



8B80EA



DFEA80

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.



1CA255



8B80EA



A98B13

Square

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



8B80EA



EA625D



759A27



00A6C0

Rectangle

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



8B80EA



E35DA3



759A27



00A578

Sweetspot

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



8B80EA



DFDBFF



80DFEA



6C6A80



000000



808080

Same Dimension

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



8B80EA



8475FF



C080EA



6B6A75



1300B5



060036

Inverse Universe

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



EA80DF



FF75F1



AAEA80



756A74



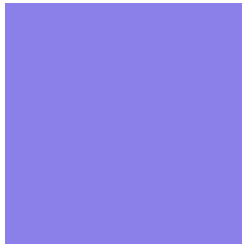
B500A2



360030

Previews

White Background



This preview shows how the Hex color 8B80EA looks on a white background.

Color Contrast Check

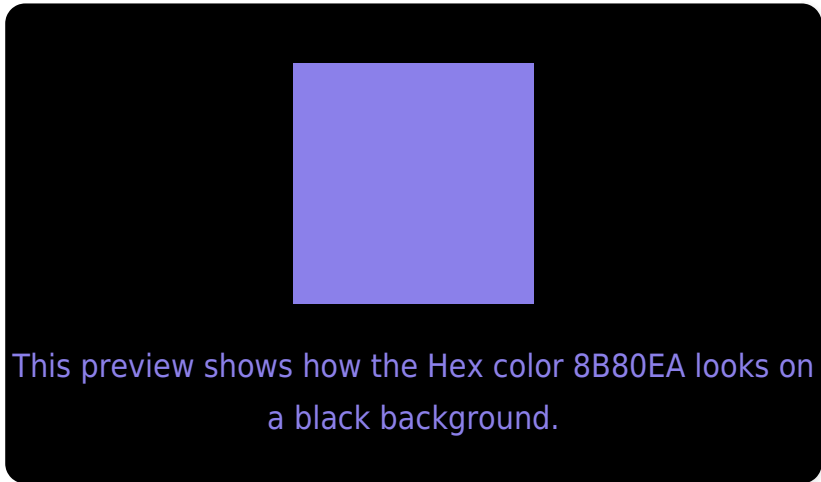
Large Text (above 18pt) WCAG AA ✓ Pass

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

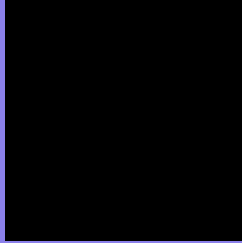
Any Text WCAG AA ✓ Pass

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 8B80EA Background



This preview shows how black text looks on a background with the Hex color 8B80EA.

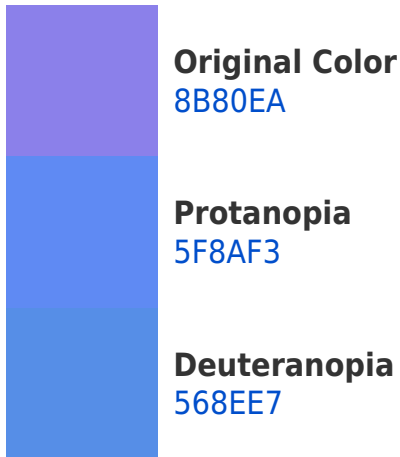



This preview shows how white text looks on a background with the Hex color 8B80EA.

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](#).

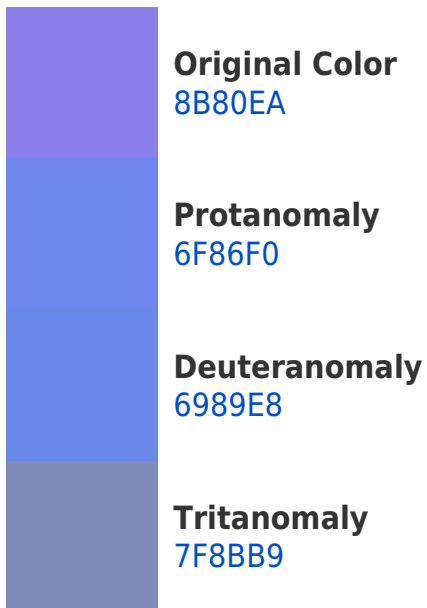
Dichromacy



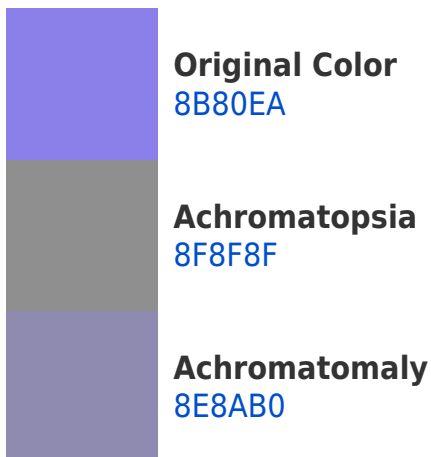


Tritanopia
78919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8B80EA 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 #8B80EA looks like.

```
.text, #text, p{  
    color:#8B80EA  
}
```

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 #8B80EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B80EA
}
```

Border

The CSS property to change the border of an element to Hex 8B80EA 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
#8B80EA }
```

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

```
.border{ border-color:#8B80EA }
```

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

Here you see how a box with a 4 pixel #8B80EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B80EA; -webkit-box-shadow:4px 4px  
4px 4px #8B80EA; box-shadow:4px 4px 4px  
4px #8B80EA }
```

Background

The CSS property to change the background color of an element to Hex 8B80EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B80EA }
```

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

```
.background{ background-color:#8B80EA }
```

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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