

Converting Colors

Hex(8B81EC)

Have a look what the booklet for
Hex(8B81EC) contains.

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Color

Hex(8B81EC)

Conversions

Conversions Part 1

Format	Color
Hex	8B81EC
RGB	139, 129, 236
RGB Percent	55%, 51%, 93%
CMY	0.4549, 0.4941, 0.0745
CMYK	0.41, 0.45, 0.00, 0.07
HSL	246°, 74%, 72%
HSV	246°, 45%, 93%
XYZ	33.6380, 27.2456, 82.8429
YIQ	144.1880, -28.3870, 35.3970

Conversions

Conversions Part 2

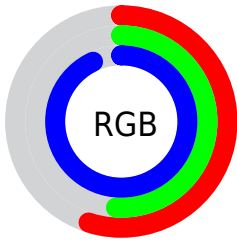
Format	Color
R _Y B	139, 129, 236
Decimal	9142764
CIE Lab	59.20, 29.53, -52.93
CIE LCh	59, 60.607, 299.159
Yxy	27.2456, 0.2340, 0.1896
Android (android.graphics.Color)	4287332844 (0xFF8B81EC)
YUV	144.1880, 45.2633, -4.5499
Hunter-Lab	52.1973, 23.6872, -57.5616

Details

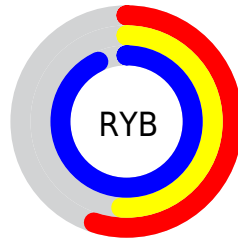
The Hex color **8B81EC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E2EC81**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C4B6FF**, and **5250B3** is the 20% darker color. If you saturate the color by 10%, you get **7669EC**, and if you desaturate by 10%, it is **A099EC**.

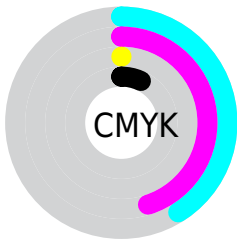
Distribution



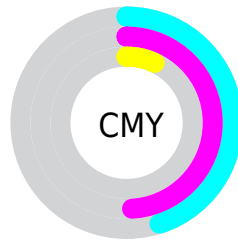
- Red (55%)
- Green (51%)
- Blue (93%)



- Red (55%)
- Yellow (51%)
- Blue (93%)



- Cyan (41%)
- Magenta (45%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (49%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B81EC 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 8B81EC by changing the saturation by 10% instead.

 8B81EC

 8B81EC

FFFFFF

 6F68CF

 C4B6FF

 5250B3

 E1D2FF

 353998

 FFEEFF

 0E237E

 000F64

 00004C

 000434

 00021E

 000000

 8B81EC

 8B81EC

 7669EC

 A099EC

 6052EC

 B6B0EC

 4B3AEC

 CBC8EC

 3523EC

 E1DFEC

 200BEC

 F6F7EC

 1600EC

 FFFFEC

Harmonies

Analogous

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



0095F9



8B81EC



CD69C6

Triad

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



8B81EC



D37731



00A78B

Complementary

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



8B81EC



E2EC81

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.



1DA355



8B81EC



AB8B13

Square

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



8B81EC



EB625E



769A27



00A7C1

Rectangle

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



8B81EC



E55EA4



769A27



00A779

Sweetspot

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



8B81EC



DFDBFF



81E3EC



6C6A80



000000



808080

Same Dimension

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



8B81EC



8275FF



BF81EC



6B6A75



1100B5



050036

Inverse Universe

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



EC81E2



FF75F2



AEEC81



756A74



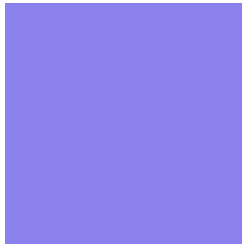
B500A4



360031

Previews

White Background



This preview shows how the Hex color 8B81EC looks on a white background.

Color Contrast Check

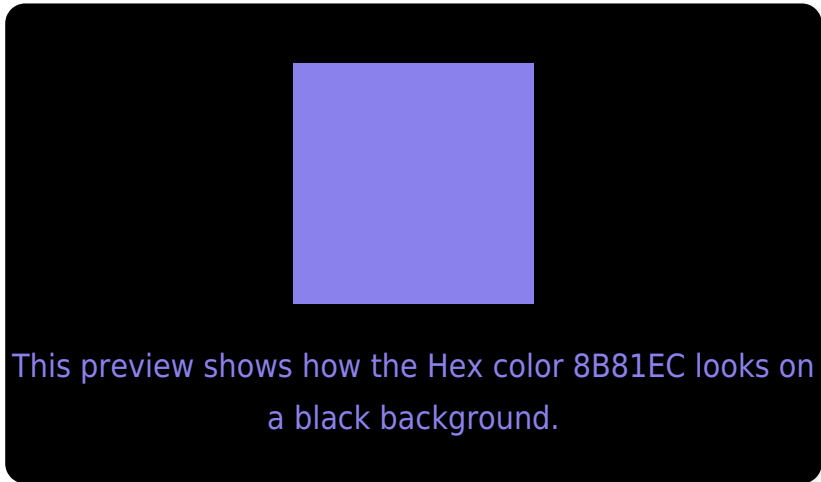
Large Text (above 18pt) WCAG AA ✓ Pass

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

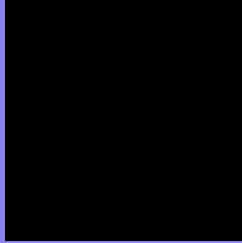
Any Text WCAG AA ✓ Pass

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 8B81EC Background



This preview shows how black text looks on a background with the Hex color 8B81EC.



This preview shows how white text looks on a background with the Hex color 8B81EC.

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](#).

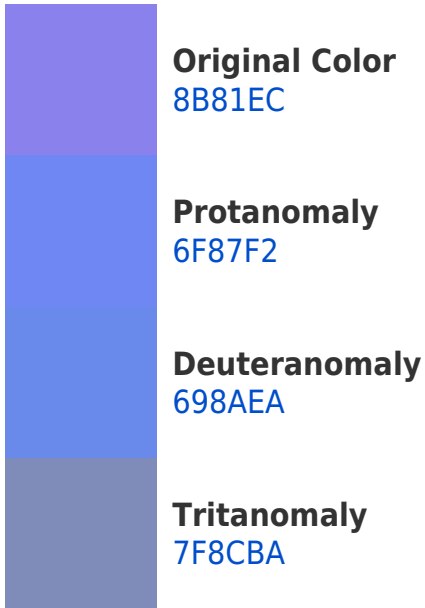
Dichromacy



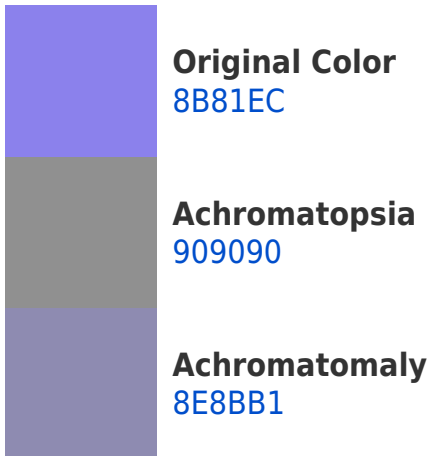


Tritanopia
78939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8B81EC 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 #8B81EC looks like.

```
.text, #text, p{  
    color:#8B81EC  
}
```

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 #8B81EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B81EC
}
```

Border

The CSS property to change the border of an element to Hex 8B81EC 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
#8B81EC }
```

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

```
.border{ border-color:#8B81EC }
```

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

Here you see how a box with a 4 pixel #8B81EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B81EC; -webkit-box-shadow:4px 4px  
4px 4px #8B81EC; box-shadow:4px 4px 4px  
4px #8B81EC }
```

Background

The CSS property to change the background color of an element to Hex 8B81EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B81EC }
```

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

```
.background{ background-color:#8B81EC }
```

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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