

Converting Colors

Hex(81EE9E)

Have a look what the booklet for
Hex(81EE9E) contains.

Hex(81EE9E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(81EE9E)

Conversions

Conversions Part 1

Format	Color
Hex	81EE9E
RGB	129, 238, 158
RGB Percent	51%, 93%, 62%
CMY	0.4941, 0.0667, 0.3804
CMYK	0.46, 0.00, 0.34, 0.07
HSL	136°, 76%, 72%
HSV	136°, 46%, 93%
XYZ	45.7994, 68.2848, 43.1142
YIQ	196.2890, -39.2840, -47.9880

Conversions

Conversions Part 2

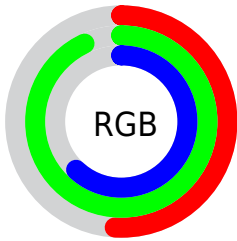
Format	Color
RYB	129, 215, 238
Decimal	8515230
CIELab	86.15, -48.30, 29.25
CIElCh	86, 56.472, 148.800
Yxy	68.2848, 0.2913, 0.4344
Android (android.graphics.Color)	4286705310 (0xFF81EE9E)
YUV	196.2890, -18.8765, -59.0125
Hunter-Lab	82.6346, -45.6789, 26.9100

Details

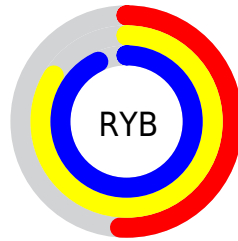
The Hex color **81EE9E** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EE81D1**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BBFFD5**, and **47B56A** is the 20% darker color. If you saturate the color by 10%, you get **69EE8D**, and if you desaturate by 10%, it is **99EEAF**.

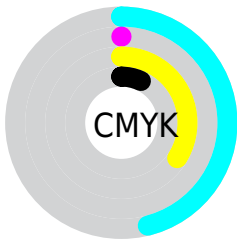
Distribution



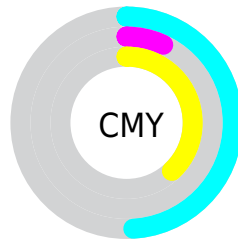
- Red (51%)
- Green (93%)
- Blue (62%)



- Red (51%)
- Yellow (84%)
- Blue (93%)



- Cyan (46%)
- Magenta (0%)
- Yellow (34%)
- Black (7%)



- Cyan (49%)
- Magenta (7%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81EE9E 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 81EE9E by changing the saturation by 10% instead.

 81EE9E

FFFFFF

 BBFFD5

 D8FFF2

 F6FFFF

 81EE9E

 64D184

 47B56A

 259A51

 007F39

 006522

 004C0A

 003400

 001E00

 000000

 81EE9E

 81EE9E

 69EE8D

 99EEAF

 51EE7B

 B1EEC1

 3AEE6A

 C8EED2

 22EE58

 E0EEE4

 0AEE47

 F8EEF5

 00EE3F

 FFEEFF

Harmonies

Analogous

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



C4E476



81EE9E



00F3D3

Triad

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



81EE9E



77DEFF



FFB0A7

Complementary

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



81EE9E



EE81D1

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.



FFABDC



81EE9E



D8CAFF

Square

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



81EE9E



00EBFF



FFB6FF



FFC07D

Rectangle

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



81EE9E



00F3F8



FFB6FF



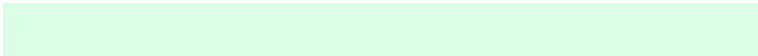
FFADB8

Sweetspot

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



81EE9E



DBFFE5



D3EE81



6A8070



000000



808080

Same Dimension

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



81EE9E



73FF98



81EED3



6C786F



00B831



00380F

Inverse Universe

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



EE81D1



FF73DA



EE819C



786C75



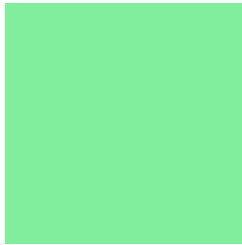
B80087



380029

Previews

White Background



This preview shows how the Hex color 81EE9E looks on a white background.

Color Contrast Check

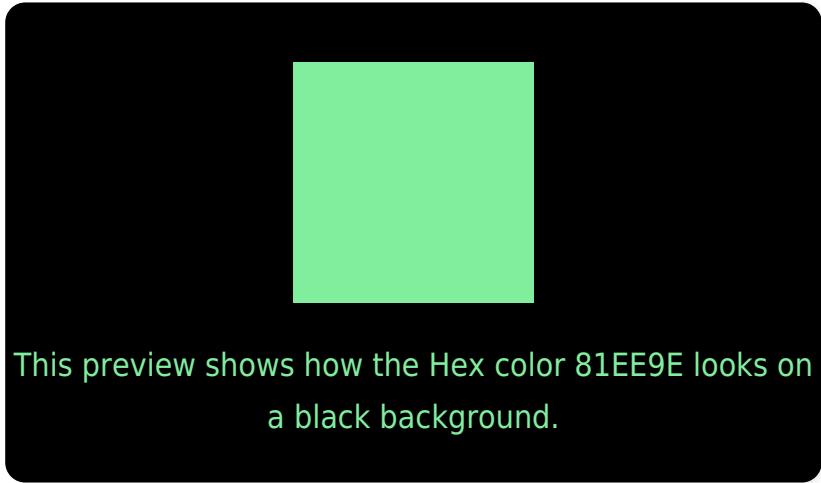
Large Text (above 18pt) WCAG AA × Fail

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

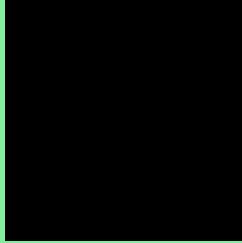
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 81EE9E Background



This preview shows how black text looks on a background with the Hex color 81EE9E.

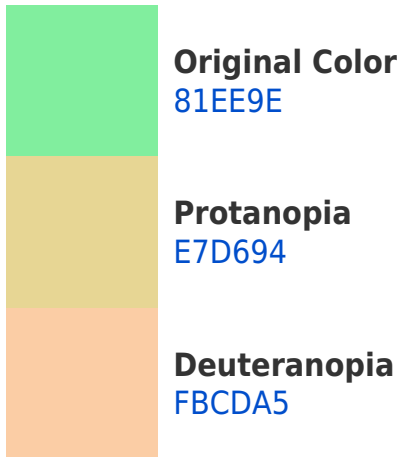


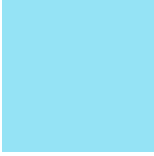
This preview shows how white text looks on a background with the Hex color 81EE9E.

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
95E3F5

Trichromacy



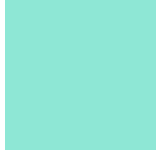
Original Color
81EE9E



Protanomaly
C2DF98



Deuteranomaly
CFD9A2

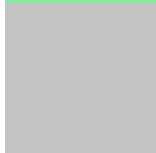


Tritanomaly
8EE7D5

Monochromacy



Original Color
81EE9E



Achromatopsia
C4C4C4



Achromatomaly
ACD3B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 81EE9E 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 #81EE9E looks like.

```
.text, #text, p{  
    color:#81EE9E  
}
```

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 #81EE9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81EE9E
}
```

Border

The CSS property to change the border of an element to Hex 81EE9E 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
#81EE9E }
```

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

```
.border{ border-color:#81EE9E }
```

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

Here you see how a box with a 4 pixel #81EE9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81EE9E; -webkit-box-shadow:4px 4px  
4px 4px #81EE9E; box-shadow:4px 4px 4px  
4px #81EE9E }
```

Background

The CSS property to change the background color of an element to Hex 81EE9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81EE9E }
```

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

```
.background{ background-color:#81EE9E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor