

Converting Colors

Hex(81E3A7)

Have a look what the booklet for
Hex(81E3A7) contains.

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Color

Hex(81E3A7)

Conversions

Conversions Part 1

Format	Color
Hex	81E3A7
RGB	129, 227, 167
RGB Percent	51%, 89%, 65%
CMY	0.4941, 0.1098, 0.3451
CMYK	0.43, 0.00, 0.26, 0.11
HSL	143°, 64%, 70%
HSV	143°, 43%, 89%
XYZ	43.4974, 62.3953, 46.3102
YIQ	190.8580, -39.1480, -39.4360

Conversions

Conversions Part 2

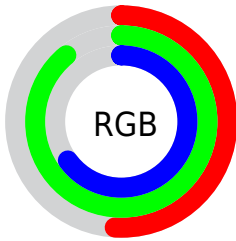
Format	Color
RYB	129, 200, 227
Decimal	8512423
CIELab	83.12, -41.94, 20.49
CIELCh	83, 46.683, 153.959
Yxy	62.3953, 0.2858, 0.4099
Android (android.graphics.Color)	4286702503 (0xFF81E3A7)
YUV	190.8580, -11.7620, -54.2495
Hunter-Lab	78.9907, -39.9401, 20.5333

Details

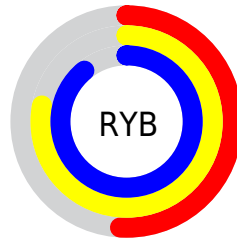
The Hex color **81E3A7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E381BD**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BAFFDE**, and **49AB73** is the 20% darker color. If you saturate the color by 10%, you get **6AE399**, and if you desaturate by 10%, it is **98E3B5**.

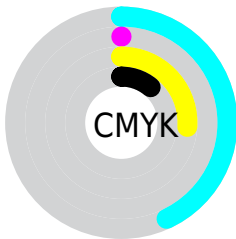
Distribution



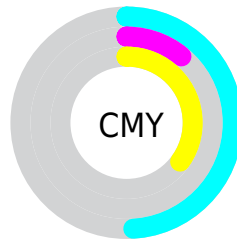
- Red (51%)
- Green (89%)
- Blue (65%)



- Red (51%)
- Yellow (78%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)




- Cyan (49%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81E3A7 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 81E3A7 by changing the saturation by 10% instead.

 81E3A7

FFFFFF

 BAFFDE

 D7FFFB

 F4FFFF

 81E3A7

 65C78C

 49AB73

 2A905A

 007642


 005C2B


 004416

 002D00

 001300

 000000

 81E3A7

 81E3A7

 6AE399

 98E3B5

 54E38B

 AEE3C3

 3DE37D

 C5E3D1

 26E36F

 DCE3DF

 0FE362

 F3E3EC

 00E358

 FFE3FA

 FFE3FF

Harmonies

Analogous

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



B7DB84



81E3A7



3AE6D4

Triad

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



81E3A7



97D1FF



FFB1A0

Complementary

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



81E3A7



E381BD

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.



FFACCB



81E3A7



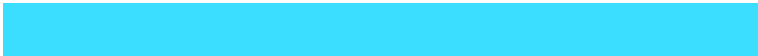
DBC1FF

Square

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



81E3A7



3CDEFF



FFB3F6



FFBF81

Rectangle

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



81E3A7



00E6F1



FFB3F6



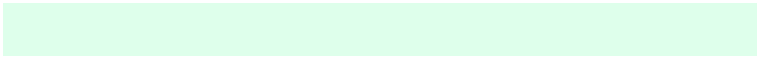
FFAEAE

Sweetspot

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



81E3A7



DEFFEB



BDE381



6B8073



000000



808080

Same Dimension

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



81E3A7



7AFFAE



81E3D8



67736C



00B345



003314

Inverse Universe

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



E381BD



FF7ACC



E3818C



73676E



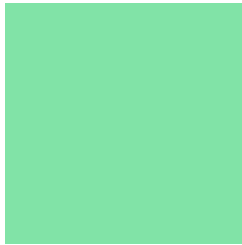
B3006D



33001F

Previews

White Background



This preview shows how the Hex color 81E3A7 looks on a white background.

Color Contrast Check

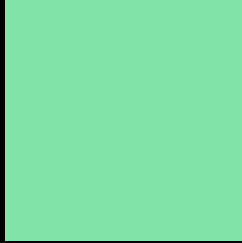
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 81E3A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

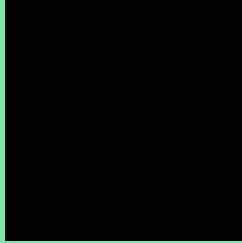
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 81E3A7 Background



This preview shows how black text looks on a background with the Hex color 81E3A7.

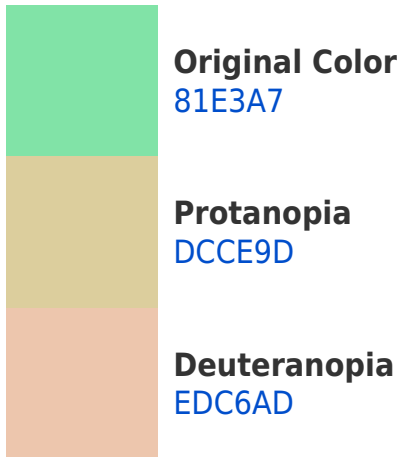


This preview shows how white text looks on a background with the Hex color 81E3A7.

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](#).

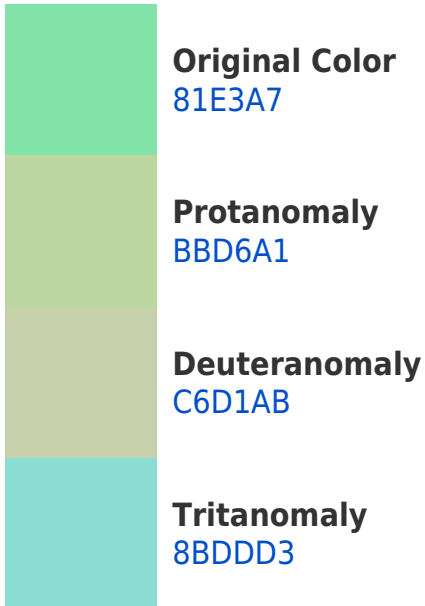
Dichromacy



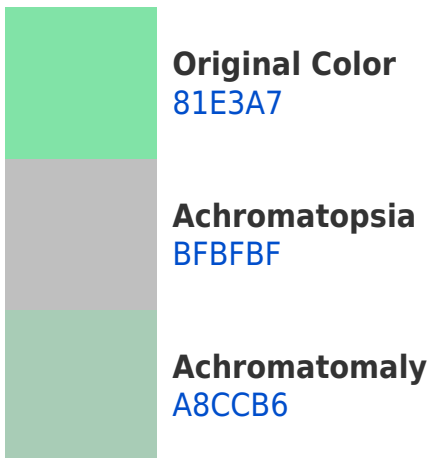


Tritanopia
91DAEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81E3A7 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 #81E3A7 looks like.

```
.text, #text, p{  
    color:#81E3A7  
}
```

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 #81E3A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81E3A7
}
```

Border

The CSS property to change the border of an element to Hex 81E3A7 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
#81E3A7 }
```

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

```
.border{ border-color:#81E3A7 }
```

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

Here you see how a box with a 4 pixel #81E3A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81E3A7; -webkit-box-shadow:4px 4px  
4px 4px #81E3A7; box-shadow:4px 4px 4px  
4px #81E3A7 }
```

Background

The CSS property to change the background color of an element to Hex 81E3A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81E3A7 }
```

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

```
.background{ background-color:#81E3A7 }
```

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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