

Converting Colors

Hex(81E38C)

Have a look what the booklet for
Hex(81E38C) contains.

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Color

Hex(81E38C)

Conversions

Conversions Part 1

Format	Color
Hex	81E38C
RGB	129, 227, 140
RGB Percent	51%, 89%, 55%
CMY	0.4941, 0.1098, 0.4510
CMYK	0.43, 0.00, 0.38, 0.11
HSL	127°, 64%, 70%
HSV	127°, 43%, 89%
XYZ	41.2560, 61.4987, 34.5070
YIQ	187.7800, -30.4810, -47.8330

Conversions

Conversions Part 2

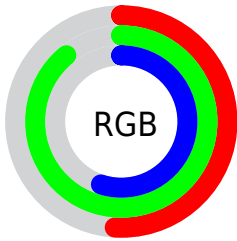
Format	Color
RYB	129, 217, 227
Decimal	8512396
CIELab	82.65, -46.62, 33.72
CIELCh	83, 57.540, 144.122
Yxy	61.4987, 0.3006, 0.4480
Android (android.graphics.Color)	4286702476 (0xFF81E38C)
YUV	187.7800, -23.5555, -51.5501
Hunter-Lab	78.4211, -43.3313, 28.8059

Details

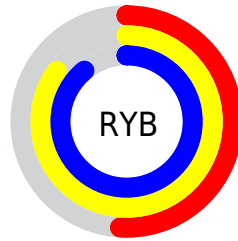
The Hex color **81E38C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E381D8**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BAFFC2**, and **48AB59** is the 20% darker color. If you saturate the color by 10%, you get **6AE378**, and if you desaturate by 10%, it is **98E3A0**.

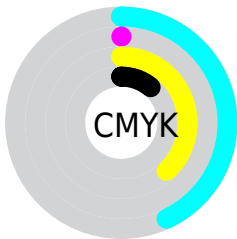
Distribution



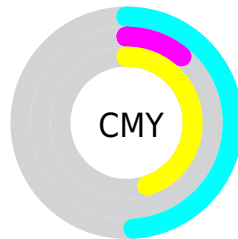
- Red (51%)
- Green (89%)
- Blue (55%)



- Red (51%)
- Yellow (85%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (38%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81E38C 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 81E38C by changing the saturation by 10% instead.

 81E38C

 81E38C

FFFFFF

 65C772

 BAFFC2

 48AB59

 D7FFDF

 299040

 F5FFFB

 007628

 005C0F

 004300

 002D00

 001100

 000000

 81E38C

 81E38C

 6AE378

 98E3A0

 54E364

 AEE3B4

 3DE350

 C5E3C8

 26E33B

 DCE3DD

 0FE327

 F3E3F1

 00E319

 FFE3FF

Harmonies

Analogous

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



C2D867



81E38C



00E9C1

Triad

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



81E38C



4DD7FF



FFA3A4

Complementary

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



81E38C



E381D8

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.



FFA1DB



81E38C



C1C4FF

Square

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



81E38C



00E3FF



FFAFFF



FFB378

Rectangle

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



81E38C



00E9E6



FFAFFF



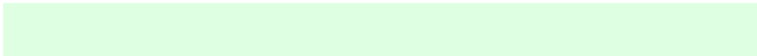
FFA1B6

Sweetspot

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



81E38C



DEFFE2



D9E381



6B806D



000000



808080

Same Dimension

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



81E38C



7AFF89



81E3BC



677369



00B314



003306

Inverse Universe

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



E381D8



FF7AF0



E381A8



736771



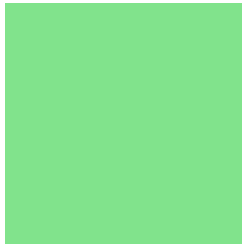
B3009E



33002D

Previews

White Background



This preview shows how the Hex color 81E38C 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 81E38C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

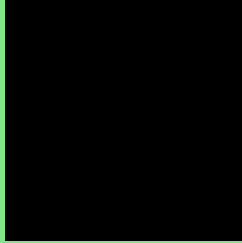
Any Text WCAG AA ✓ Pass

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 81E38C Background



This preview shows how black text looks on a background with the Hex color 81E38C.

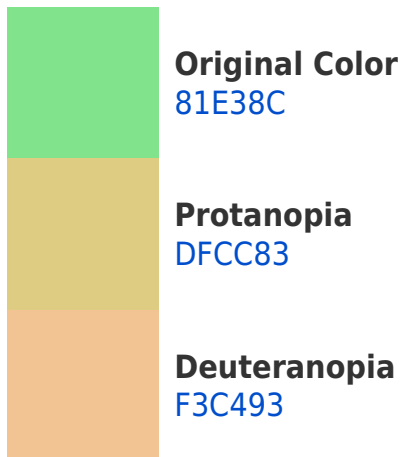


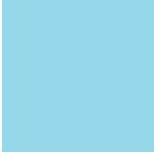
This preview shows how white text looks on a background with the Hex color 81E38C.

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](#).

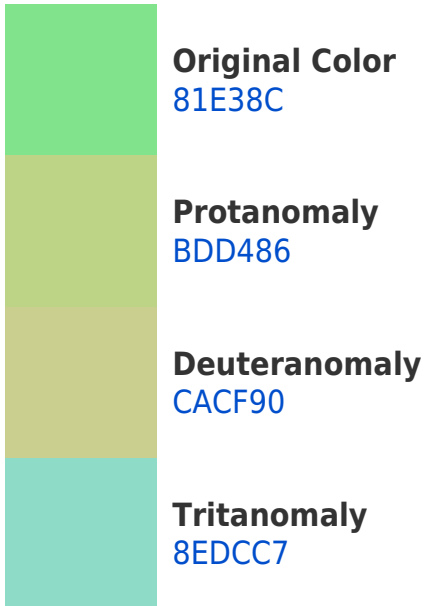
Dichromacy



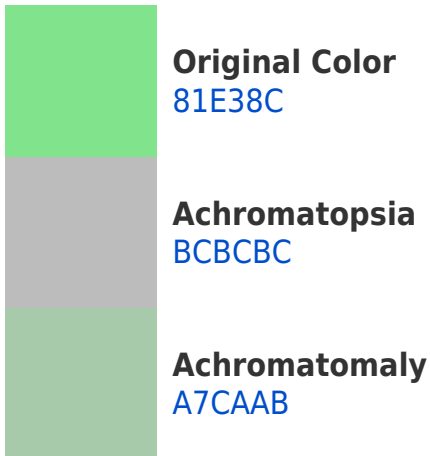


Tritanopia
95D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81E38C 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 #81E38C looks like.

```
.text, #text, p{  
    color:#81E38C  
}
```

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 #81E38C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81E38C
}
```

Border

The CSS property to change the border of an element to Hex 81E38C 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
#81E38C }
```

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

```
.border{ border-color:#81E38C }
```

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

Here you see how a box with a 4 pixel #81E38C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81E38C; -webkit-box-shadow:4px 4px  
4px 4px #81E38C; box-shadow:4px 4px 4px  
4px #81E38C }
```

Background

The CSS property to change the background color of an element to Hex 81E38C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81E38C }
```

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

```
.background{ background-color:#81E38C }
```

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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