

Converting Colors

Hex(81CB8C)

Have a look what the booklet for
Hex(81CB8C) contains.

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Color

Hex(81CB8C)

Conversions

Conversions Part 1

Format	Color
Hex	81CB8C
RGB	129, 203, 140
RGB Percent	51%, 80%, 55%
CMY	0.4941, 0.2039, 0.4510
CMYK	0.36, 0.00, 0.31, 0.20
HSL	129°, 42%, 65%
HSV	129°, 36%, 80%
XYZ	35.1428, 49.2724, 32.4693
YIQ	173.6920, -23.8810, -35.2810

Conversions

Conversions Part 2

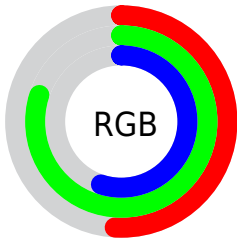
Format	Color
RYB	129, 193, 203
Decimal	8506252
CIELab	75.62, -36.05, 24.35
CIElCh	76, 43.499, 145.963
Yxy	49.2724, 0.3007, 0.4215
Android (android.graphics.Color)	4286696332 (0xFF81CB8C)
YUV	173.6920, -16.6102, -39.1949
Hunter-Lab	70.1943, -33.4740, 21.7107

Details

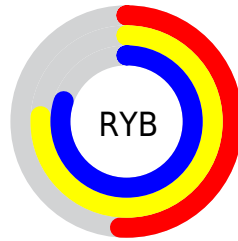
The Hex color **81CB8C** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CB81C0**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B8FFC2**, and **4C9459** is the 20% darker color. If you saturate the color by 10%, you get **6DCB7B**, and if you desaturate by 10%, it is **95CB9D**.

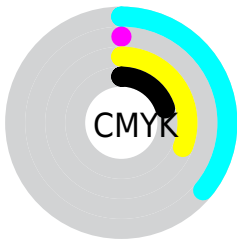
Distribution



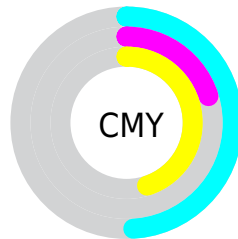
- Red (51%)
- Green (80%)
- Blue (55%)



- Red (51%)
- Yellow (76%)
- Blue (80%)



- Cyan (36%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81CB8C 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 81CB8C by changing the saturation by 10% instead.

 81CB8C

 81CB8C


FFFFFF

 66AF72

 B8FFC2

 4C9459

 D5FFDE

 317A41

 F2FFFB

 12612A

 004814

 003100

 001C00

 000000

 81CB8C

 81CB8C

 6DCB7B

 95CB9D

 58CB69

 AACBAF

 44CB58

 BECBC0

 30CB47

 D2CBD1

 1BCB36

 E7CBE2

 07CB24

 FBCBF4

 00CB1E

 FFCBFF

Harmonies

Analogous

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



B1C270



81CB8C



46CFB3

Triad

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



81CB8C



73C0FF



FF9D99

Complementary

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



81CB8C



CB81C0

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.



FF9BC1



81CB8C



B7B2FF

Square

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



81CB8C



03CAFC



E8A4E8



F8A879

Rectangle

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



81CB8C



00D0CF



E8A4E8



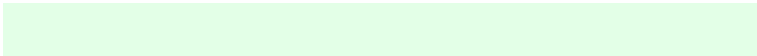
FF9BA6

Sweetspot

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



81CB8C



E3FFE7



C1CB81



6F8071



000000



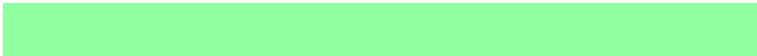
808080

Same Dimension

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



81CB8C



8FFF9F



81CBB0



5C665D



00A619



002606

Inverse Universe

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



CB81C0



FF8FEE



CB819C



665C64



A6008D



260021

Previews

White Background



This preview shows how the Hex color 81CB8C 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 81CB8C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

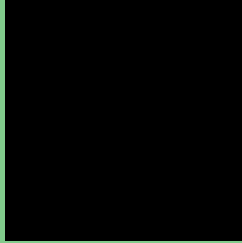
Any Text WCAG AA ✓ Pass

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 81CB8C Background



This preview shows how black text looks on a background with the Hex color 81CB8C.

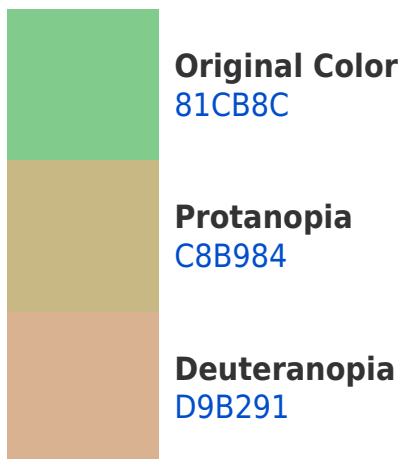


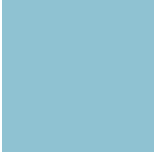
This preview shows how white text looks on a background with the Hex color 81CB8C.

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
8FC2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81CB8C 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 #81CB8C looks like.

```
.text, #text, p{  
    color:#81CB8C  
}
```

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 #81CB8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81CB8C
}
```

Border

The CSS property to change the border of an element to Hex 81CB8C 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
#81CB8C }
```

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

```
.border{ border-color:#81CB8C }
```

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

Here you see how a box with a 4 pixel #81CB8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81CB8C; -webkit-box-shadow:4px 4px  
4px 4px #81CB8C; box-shadow:4px 4px 4px  
4px #81CB8C }
```

Background

The CSS property to change the background color of an element to Hex 81CB8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81CB8C }
```

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

```
.background{ background-color:#81CB8C }
```

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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