

Converting Colors

Hex(81DC98)

Have a look what the booklet for
Hex(81DC98) contains.

Hex(81DC98)	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(81DC98)

Conversions

Conversions Part 1

Format	Color
Hex	81DC98
RGB	129, 220, 152
RGB Percent	51%, 86%, 60%
CMY	0.4941, 0.1373, 0.4039
CMYK	0.41, 0.00, 0.31, 0.14
HSL	135°, 57%, 68%
HSV	135°, 41%, 86%
XYZ	40.3140, 58.1205, 38.7994
YIQ	185.0390, -32.4080, -40.4400

Conversions

Conversions Part 2

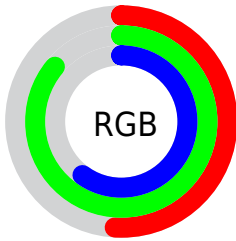
Format	Color
RYB	129, 202, 220
Decimal	8510616
CIELab	80.81, -41.59, 25.11
CIELCh	81, 48.588, 148.876
Yxy	58.1205, 0.2938, 0.4235
Android (android.graphics.Color)	4286700696 (0xFF81DC98)
YUV	185.0390, -16.2882, -49.1462
Hunter-Lab	76.2368, -39.0238, 23.1912

Details

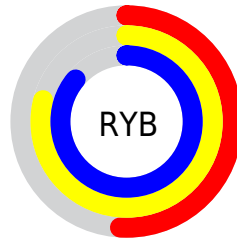
The Hex color **81DC98** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DC81C5**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B9FFCF**, and **4AA465** is the 20% darker color. If you saturate the color by 10%, you get **6BDC88**, and if you desaturate by 10%, it is **97DCA8**.

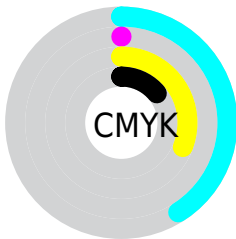
Distribution



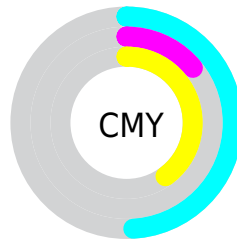
- Red (51%)
- Green (86%)
- Blue (60%)



- Red (51%)
- Yellow (79%)
- Blue (86%)



- Cyan (41%)
- Magenta (0%)
- Yellow (31%)
- Black (14%)



- Cyan (49%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81DC98 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 81DC98 by changing the saturation by 10% instead.

 81DC98

 81DC98

FFFFFF

 65C07E

 B9FFCF

 4AA465

 D6FFEB

 2C8A4C

 F3FFFF

 017035

 00561E

 003E07

 002900

 000600

 000000

 81DC98

 81DC98

 6BDC88

 97DCA8

 55DC77

 ADDCB9

 3FDC67

 C3DCC9

 29DC56

 D9DCDA

 13DC46

 EFDCEA

 00DC38

 FFDCFB

 FFDCFF

Harmonies

Analogous

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



B8D377



81DC98



32E0C5

Triad

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



81DC98



7DCEFF



FFA89F

Complementary

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



81DC98



DC81C5

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.



FFA4CC



81DC98



CABDFF

Square

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



81DC98



00D9FF



FFADF8



FFB57C

Rectangle

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



81DC98



00E0E4



FFADF8



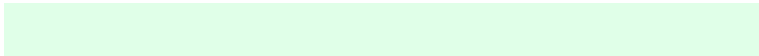
FFA5AE

Sweetspot

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



81DC98



E0FFE8



C5DC81



6E8072



000000



808080

Same Dimension

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



81DC98



80FFA0



81DCC5



636E65



00AD2C



002E0C

Inverse Universe

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



DC81C5



FF80DF



DC8198



6E636B



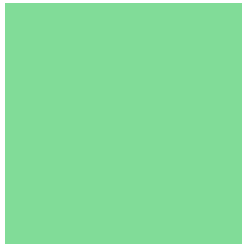
AD0082



2E0022

Previews

White Background



This preview shows how the Hex color 81DC98 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 81DC98 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

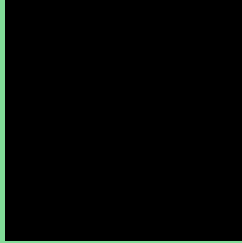
Any Text WCAG AA ✓ Pass

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 81DC98 Background



This preview shows how black text looks on a background with the Hex color 81DC98.

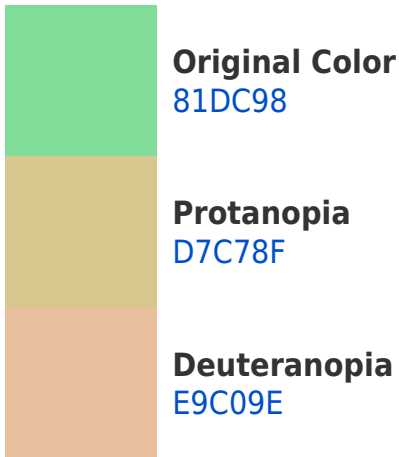


This preview shows how white text looks on a background with the Hex color 81DC98.

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](#).

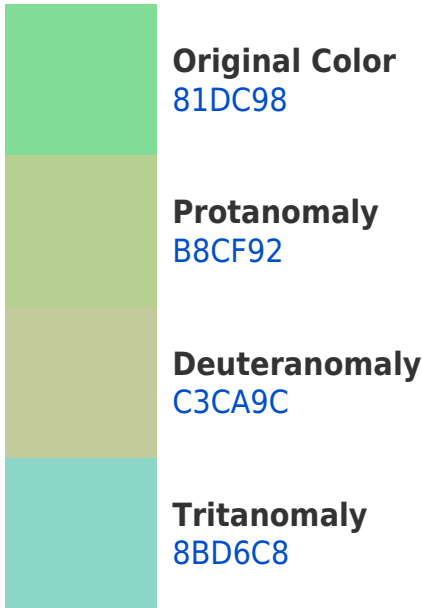
Dichromacy



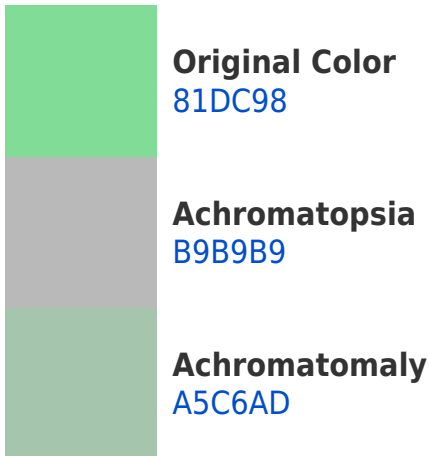


Tritanopia
91D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81DC98 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 #81DC98 looks like.

```
.text, #text, p{  
    color:#81DC98  
}
```

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 #81DC98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81DC98
}
```

Border

The CSS property to change the border of an element to Hex 81DC98 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
#81DC98 }
```

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

```
.border{ border-color:#81DC98 }
```

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

Here you see how a box with a 4 pixel #81DC98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81DC98; -webkit-box-shadow:4px 4px  
4px 4px #81DC98; box-shadow:4px 4px 4px  
4px #81DC98 }
```

Background

The CSS property to change the background color of an element to Hex 81DC98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81DC98 }
```

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

```
.background{ background-color:#81DC98 }
```

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