

Converting Colors

Hex(82DC8E)

Have a look what the booklet for
Hex(82DC8E) contains.

Hex(82DC8E)	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(82DC8E)

Conversions

Conversions Part 1

Format	Color
Hex	82DC8E
RGB	130, 220, 142
RGB Percent	51%, 86%, 56%
CMY	0.4902, 0.1373, 0.4431
CMYK	0.41, 0.00, 0.35, 0.14
HSL	128°, 56%, 69%
HSV	128°, 41%, 86%
XYZ	39.6816, 57.8852, 34.6727
YIQ	184.1980, -28.6020, -43.3380

Conversions

Conversions Part 2

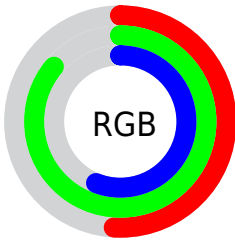
Format	Color
RYB	130, 209, 220
Decimal	8576142
CIELab	80.67, -43.00, 30.11
CIElCh	81, 52.495, 145.006
Yxy	57.8852, 0.3001, 0.4377
Android (android.graphics.Color)	4286766222 (0xFF82DC8E)
YUV	184.1980, -20.8036, -47.5316
Hunter-Lab	76.0823, -40.0454, 26.2376

Details

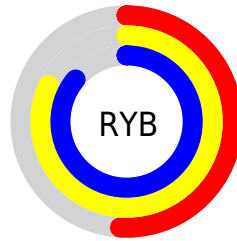
The Hex color **82DC8E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DC82D0**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **BAFFC4**, and **4AA45B** is the 20% darker color. If you saturate the color by 10%, you get **6CDC7B**, and if you desaturate by 10%, it is **98DCA1**.

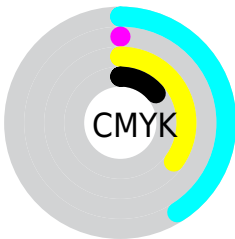
Distribution



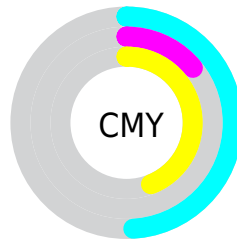
- Red (51%)
- Green (86%)
- Blue (56%)



- Red (51%)
- Yellow (82%)
- Blue (86%)



- Cyan (41%)
- Magenta (0%)
- Yellow (35%)
- Black (14%)



- Cyan (49%)
- Magenta (14%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82DC8E 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 82DC8E by changing the saturation by 10% instead.

 82DC8E

 82DC8E

FFFFFF

 66C074

 BAFFC4

 4AA45B

 D7FFE0

 2D8943


 F5FFFD

 026F2B

 005614

 003E00

 002900

 000500

 000000

 82DC8E

 82DC8E

 6CDC7B

 98DCA1

 56DC68

 AEDCB4

 40DC55

 C4DCC7

 2ADC42

 DADCDA

 14DC2F

 F0DCED

 00DC1D

 FFDCFF

Harmonies

Analogous

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



BDD26C



82DC8E



1FE1BE

Triad

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



82DC8E



62D0FF



FFA3A1

Complementary

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



82DC8E



DC82D0

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.



FFA1D3



82DC8E



C0BFFF

Square

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



82DC8E



00DCFF



FEACFF



FFB179

Rectangle

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



82DC8E



00E2E0



FEACFF



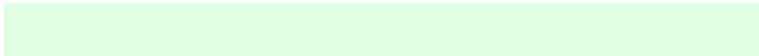
FFA0B1

Sweetspot

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



82DC8E



E0FFE4



D0DC82



6E8070



000000



808080

Same Dimension

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



82DC8E



82FF93



82DCBB



636E64



00AD17



002E06

Inverse Universe

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



DC82D0



FF82EE



DC82A3



6E636C



AD0096



2E0028

Previews

White Background



This preview shows how the Hex color 82DC8E looks on a white background.

Color Contrast Check

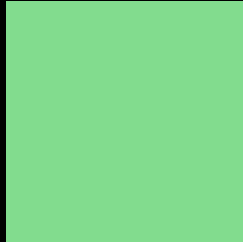
Large Text (above 18pt) WCAG AA × Fail

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 82DC8E 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 82DC8E Background



This preview shows how black text looks on a background with the Hex color 82DC8E.

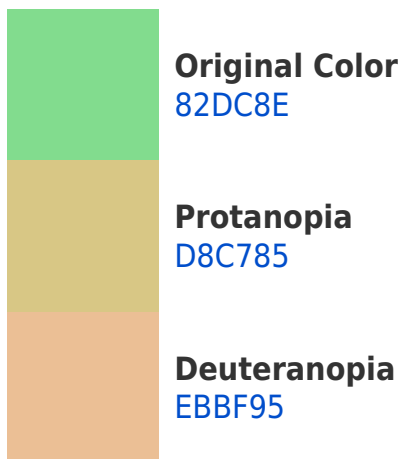


This preview shows how white text looks on a background with the Hex color 82DC8E.

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



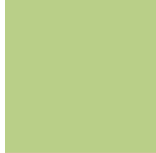


Tritanopia
94D2E2

Trichromacy



Original Color
82DC8E



Protanomaly
B9CF88



Deuteranomaly
C5CA92

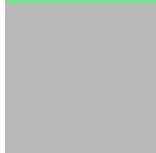


Tritanomaly
8DD6C3

Monochromacy



Original Color
82DC8E



Achromatopsia
B8B8B8



Achromatomaly
A4C5A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 82DC8E 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 #82DC8E looks like.

```
.text, #text, p{  
    color:#82DC8E  
}
```

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 #82DC8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82DC8E
}
```

Border

The CSS property to change the border of an element to Hex 82DC8E 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
#82DC8E }
```

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

```
.border{ border-color:#82DC8E }
```

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

Here you see how a box with a 4 pixel #82DC8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82DC8E; -webkit-box-shadow:4px 4px  
4px 4px #82DC8E; box-shadow:4px 4px 4px  
4px #82DC8E }
```

Background

The CSS property to change the background color of an element to Hex 82DC8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82DC8E }
```

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

```
.background{ background-color:#82DC8E }
```

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