

Converting Colors

Hex(82D9A6)

Have a look what the booklet for
Hex(82D9A6) contains.

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Color

Hex(82D9A6)

Conversions

Conversions Part 1

Format	Color
Hex	82D9A6
RGB	130, 217, 166
RGB Percent	51%, 85%, 65%
CMY	0.4902, 0.1490, 0.3490
CMYK	0.40, 0.00, 0.24, 0.15
HSL	145°, 53%, 68%
HSV	145°, 40%, 85%
XYZ	40.9017, 57.1247, 44.9468
YIQ	185.1730, -35.4810, -34.3050

Conversions

Conversions Part 2

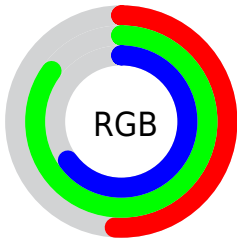
Format	Color
RYB	130, 192, 217
Decimal	8575398
CIELab	80.25, -37.38, 17.03
CIElCh	80, 41.077, 155.505
Yxy	57.1247, 0.2861, 0.3995
Android (android.graphics.Color)	4286765478 (0xFF82D9A6)
YUV	185.1730, -9.4523, -48.3867
Hunter-Lab	75.5809, -35.6687, 17.6478

Details

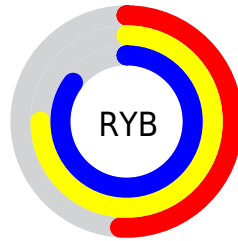
The Hex color **82D9A6** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D982B5**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **BAFFDD**, and **4BA272** is the 20% darker color. If you saturate the color by 10%, you get **6CD999**, and if you desaturate by 10%, it is **98D9B3**.

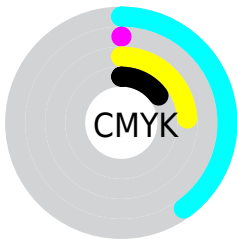
Distribution



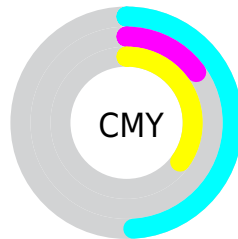
- Red (51%)
- Green (85%)
- Blue (65%)



- Red (51%)
- Yellow (75%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82D9A6 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 82D9A6 by changing the saturation by 10% instead.

 82D9A6

 82D9A6

FFFFFF

 67BD8C

 BAFFDD

 4BA272

 D7FFFA

 2F8759

 F4FFFF

 086D42

 00542B

 003C16

 002700

 000200

 000000

 82D9A6

 82D9A6

 6CD999

 98D9B3

 57D98D

 ADD9BF

 41D980

 C3D9CC

 2BD973

 D9D9D9

 16D966

 EED9E6

 00D95A

 FFD9F2

 FFD9FF

Harmonies

Analogous

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



B1D287



82D9A6



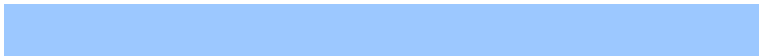
4FDCCD

Triad

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



82D9A6



9CC8FF



FFAE9C

Complementary

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



82D9A6



D982B5

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.



FFA9C1



82D9A6



D5BBFF

Square

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



82D9A6



5AD4FF



FDAEE8



FBBA82

Rectangle

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



82D9A6



31DBE7



FDAEE8



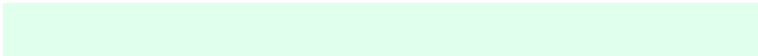
FFABA8

Sweetspot

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



82D9A6



E0FFED



B6D982



6E8075



000000



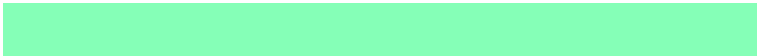
808080

Same Dimension

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



82D9A6



85FFB7



82D9D0



636E67



00AD48



002E13

Inverse Universe

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



D982B5



FF85CC



D9828B



6E6369



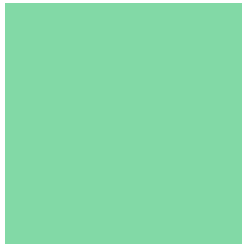
AD0066



2E001B

Previews

White Background



This preview shows how the Hex color 82D9A6 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 82D9A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

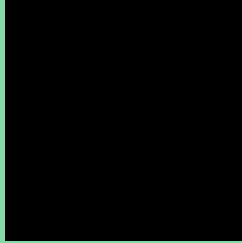
Any Text WCAG AA ✓ Pass

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 82D9A6 Background



This preview shows how black text looks on a background with the Hex color 82D9A6.

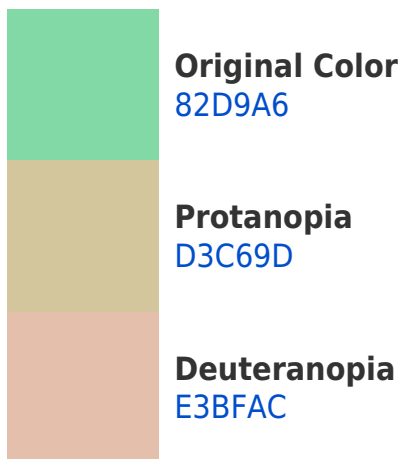


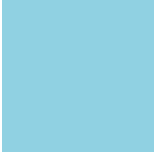
This preview shows how white text looks on a background with the Hex color 82D9A6.

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
90D1E2

Trichromacy



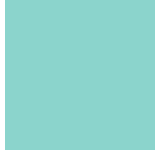
Original Color
82D9A6



Protanomaly
B6CDA0



Deuteranomaly
C0C8AA

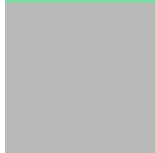


Tritanomaly
8BD4CC

Monochromacy



Original Color
82D9A6



Achromatopsia
B9B9B9



Achromatomaly
A5C5B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 82D9A6 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 #82D9A6 looks like.

```
.text, #text, p{  
    color:#82D9A6  
}
```

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 #82D9A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82D9A6
}
```

Border

The CSS property to change the border of an element to Hex 82D9A6 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
#82D9A6 }
```

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

```
.border{ border-color:#82D9A6 }
```

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

Here you see how a box with a 4 pixel #82D9A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82D9A6; -webkit-box-shadow:4px 4px  
4px 4px #82D9A6; box-shadow:4px 4px 4px  
4px #82D9A6 }
```

Background

The CSS property to change the background color of an element to Hex 82D9A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82D9A6 }
```

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

```
.background{ background-color:#82D9A6 }
```

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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