

Converting Colors

Hex(82DA8E)

Have a look what the booklet for
Hex(82DA8E) contains.

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Color

Hex(82DA8E)

Conversions

Conversions Part 1

Format	Color
Hex	82DA8E
RGB	130, 218, 142
RGB Percent	51%, 85%, 56%
CMY	0.4902, 0.1451, 0.4431
CMYK	0.40, 0.00, 0.35, 0.15
HSL	128°, 54%, 68%
HSV	128°, 40%, 85%
XYZ	39.1598, 56.8416, 34.4988
YIQ	183.0240, -28.0520, -42.2920

Conversions

Conversions Part 2

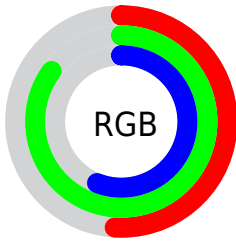
Format	Color
RYB	130, 207, 218
Decimal	8575630
CIELab	80.09, -42.13, 29.33
CIElCh	80, 51.333, 145.159
Yxy	56.8416, 0.3001, 0.4356
Android (android.graphics.Color)	4286765710 (0xFF82DA8E)
YUV	183.0240, -20.2248, -46.5020
Hunter-Lab	75.3934, -39.2244, 25.6452

Details

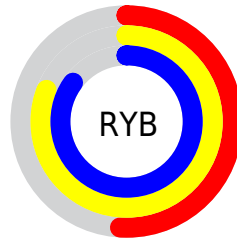
The Hex color **82DA8E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DA82CE**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BAFFC4**, and **4BA25B** is the 20% darker color. If you saturate the color by 10%, you get **6CDA7B**, and if you desaturate by 10%, it is **98DAA1**.

Distribution



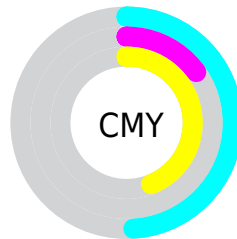
- Red (51%)
- Green (85%)
- Blue (56%)



- Red (51%)
- Yellow (81%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82DA8E 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 82DA8E by changing the saturation by 10% instead.

 82DA8E

 82DA8E

FFFFFF

 66BE74

 BAFFC4

 4BA25B

 D7FFE0

 2E8843

 F4FFFD

 056E2B

 005514

 003C00

 002800

 000100

 000000

 82DA8E

 82DA8E

 6CDA7B

 98DAA1

 56DA68

 AEDAB4

 41DA56

 C3DAC6

 2BDA43

 D9DAD9

 15DA30

 EFDAEC

 00DA1E

 FFDAFF

Harmonies

Analogous

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



BBD06D



82DA8E



27DFBD

Triad

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



82DA8E



65CEFF



FFA2A0

Complementary

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



82DA8E



DA82CE

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.



FFA0D0



82DA8E



BFBDFE

Square

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



82DA8E



00D9FF



FBABFE



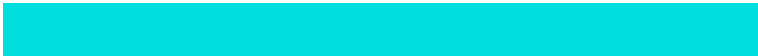
FFB079

Rectangle

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



82DA8E



00DFDE



FBABFE



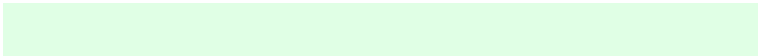
FFA0B0

Sweetspot

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



82DA8E



E0FFE5



CEDA82



6E8070



000000



808080

Same Dimension

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



82DA8E



85FF95



82DABA



636E64



00AD18



002E06

Inverse Universe

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



DA82CE



FF85EE



DA82A2



6E636C



AD0096



2E0028

Previews

White Background



This preview shows how the Hex color 82DA8E 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 82DA8E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

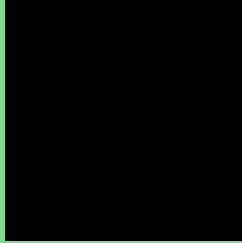
Any Text WCAG AA ✓ Pass

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 82DA8E Background



This preview shows how black text looks on a background with the Hex color 82DA8E.

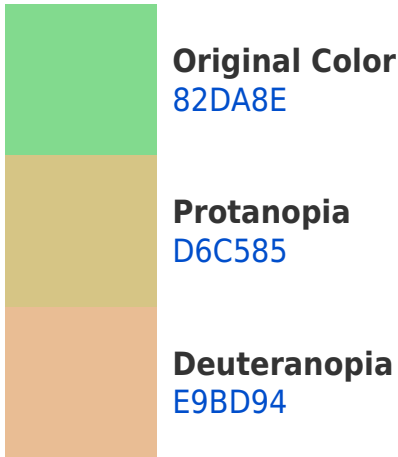


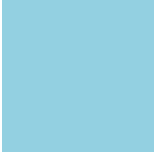
This preview shows how white text looks on a background with the Hex color 82DA8E.

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](#).

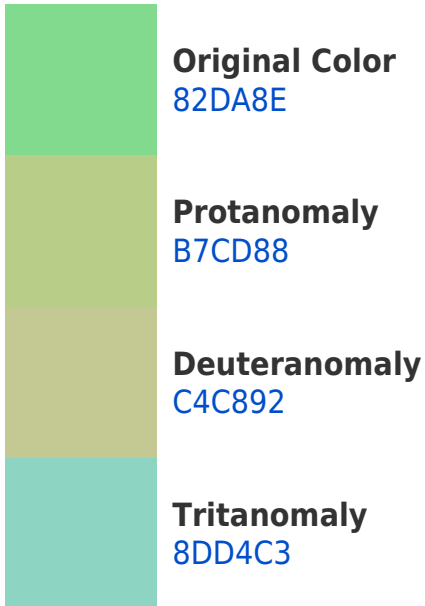
Dichromacy



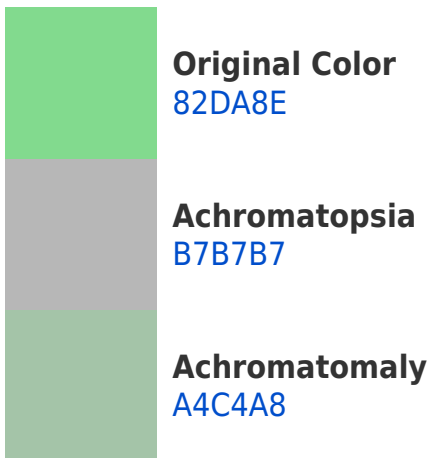


Tritanopia
93D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82DA8E 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 #82DA8E looks like.

```
.text, #text, p{  
    color:#82DA8E  
}
```

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 #82DA8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82DA8E
}
```

Border

The CSS property to change the border of an element to Hex 82DA8E 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
#82DA8E }
```

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

```
.border{ border-color:#82DA8E }
```

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

Here you see how a box with a 4 pixel #82DA8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82DA8E; -webkit-box-shadow:4px 4px  
4px 4px #82DA8E; box-shadow:4px 4px 4px  
4px #82DA8E }
```

Background

The CSS property to change the background color of an element to Hex 82DA8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82DA8E }
```

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

```
.background{ background-color:#82DA8E }
```

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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