

# Converting Colors

Hex(82A88B)

Have a look what the booklet for  
Hex(82A88B) contains.

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# **Color**

**Hex(82A88B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82A88B
RGB	130, 168, 139
RGB Percent	51%, 66%, 55%
CMY	0.4902, 0.3412, 0.4549
CMYK	0.23, 0.00, 0.17, 0.34
HSL	134°, 18%, 58%
HSV	134°, 23%, 66%
XYZ	27.8688, 34.6152, 29.6387
YIQ	153.3320, -13.3390, -17.0750

# Conversions

## Conversions Part 2

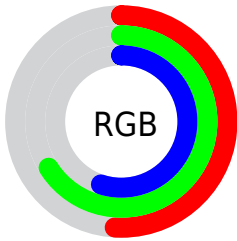
Format	Color
<a href="#">RYB</a>	<a href="#">130, 161, 168</a>
Decimal	<a href="#">8562827</a>
CIELab	<a href="#">65.45, -18.90, 10.81</a>
CIELCh	<a href="#">65, 21.770, 150.227</a>
Yxy	<a href="#">34.6152, 0.3025, 0.3758</a>
Android (android.graphics.Color)	<a href="#">4286752907 (0xFF82A88B)</a>
YUV	<a href="#">153.3320, -7.0657, -20.4622</a>
Hunter-Lab	<a href="#">58.8347, -18.4089, 11.3162</a>

# Details

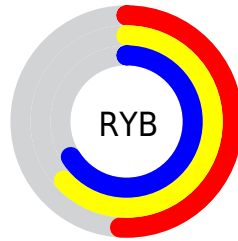
The Hex color **82A88B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A8829F**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B8DFC1**, and **507459** is the 20% darker color. If you saturate the color by 10%, you get **71A87E**, and if you desaturate by 10%, it is **93A898**.

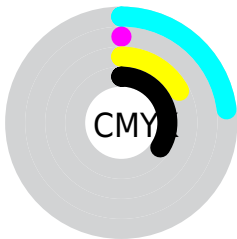
# Distribution



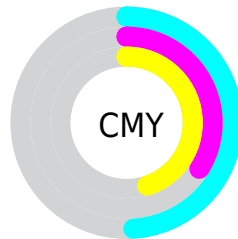
- Red (51%)
- Green (66%)
- Blue (55%)



- Red (51%)
- Yellow (63%)
- Blue (66%)



- Cyan (23%)
- Magenta (0%)
- Yellow (17%)
- Black (34%)



- Cyan (49%)
- Magenta (34%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82A88B 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 82A88B by changing the saturation by 10% instead.





82A88B



82A88B

FFFFFF



688D72



B8DFC1



507459



D3FCDC



385B42



F0FFF9



21432B



0A2D17



001A00



000000



82A88B



82A88B



71A87E



93A898

 60A871

 A4A8A5

 50A865

 B4A8B1

 3FA858

 C5A8BE

 2EA84B

 D6A8CB

 1DA83E

 E7A8D8

 0CA831

 F8A8E5

 00A828

 FFA8F2

 FFA8FE

# Harmonies

## Analogous

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



98A47D



82A88B



6FAA9E

# Triad

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



82A88B



88A1C6



C6928C

# Complementary

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



82A88B



A8829F

# 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.



C5919F



82A88B



A29AC1

# Square

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



82A88B



71A6C0



B894B3



BE977E

# Rectangle

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



82A88B



68AAAC



B894B3



C79192

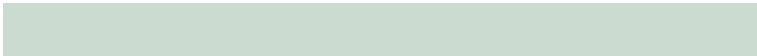


# Sweetspot

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



82A88B



CCDBD0



9FA882



656E67



EDEDED



6E6E6E



# Same Dimension

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



82A88B



A0DBAE



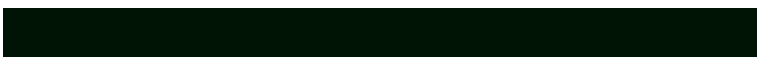
82A89E



4C544E



009423



001405



# Inverse Universe

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



A8829F



DBA0CD



A8828C



544C52



940071



140010



# Previews

## White Background



This preview shows how the Hex color 82A88B looks on a white background.

## Color Contrast Check

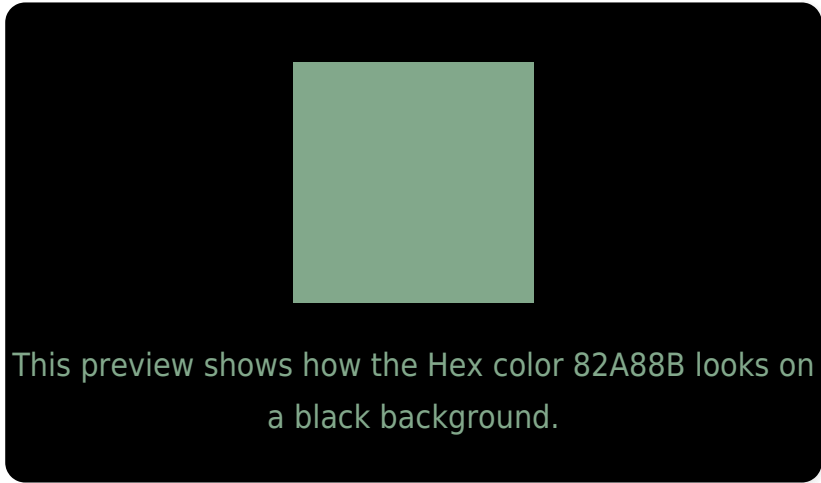
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

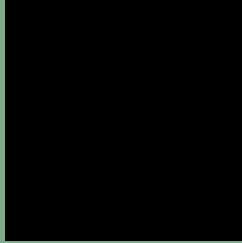
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82A88B Background



This preview shows how black text looks on a background with the Hex color 82A88B.

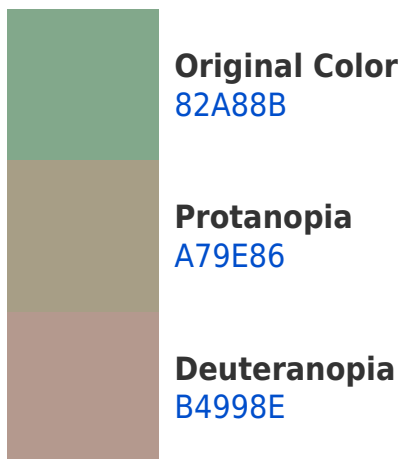


This preview shows how white text looks on a background with the Hex color 82A88B.

# 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](#).

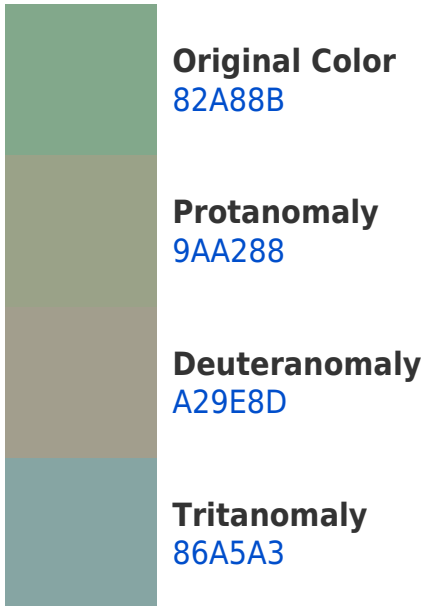
## Dichromacy



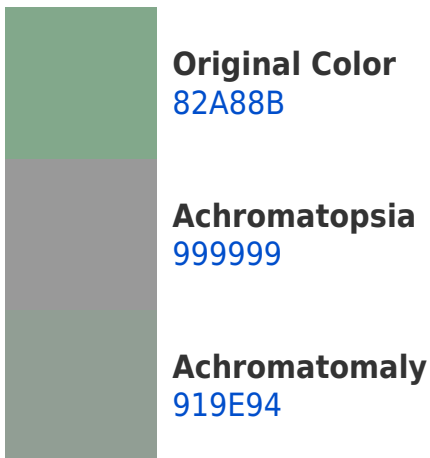


**Tritanopia**  
89A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82A88B 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 #82A88B looks like.

```
.text, #text, p{  
    color:#82A88B  
}
```

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 #82A88B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A88B
}
```

## Border

The CSS property to change the border of an element to Hex 82A88B 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
#82A88B }
```

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

```
.border{ border-color:#82A88B }
```

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

Here you see how a box with a 4 pixel #82A88B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A88B; -webkit-box-shadow:4px 4px  
4px 4px #82A88B; box-shadow:4px 4px 4px  
4px #82A88B }
```

# Background

The CSS property to change the background color of an element to Hex 82A88B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A88B }
```

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

```
.background{ background-color:#82A88B }
```

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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