

# Converting Colors

Hex(82A97B)

Have a look what the booklet for  
Hex(82A97B) contains.

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# **Color**

**Hex(82A97B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82A97B
RGB	130, 169, 123
RGB Percent	51%, 66%, 48%
CMY	0.4902, 0.3373, 0.5176
CMYK	0.23, 0.00, 0.27, 0.34
HSL	111°, 21%, 57%
HSV	111°, 27%, 66%
XYZ	26.9690, 34.5518, 23.9866
YIQ	152.0950, -8.4780, -22.5740

# Conversions

## Conversions Part 2

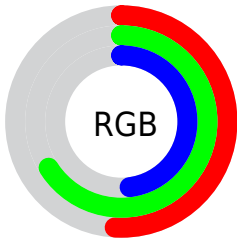
Format	Color
<a href="#">RYB</a>	<a href="#">123, 169, 162</a>
Decimal	<a href="#">8563067</a>
CIELab	<a href="#">65.40, -22.30, 19.55</a>
CIElCh	<a href="#">65, 29.654, 138.753</a>
Yxy	<a href="#">34.5518, 0.3154, 0.4041</a>
Android (android.graphics.Color)	<a href="#">4286753147 (0xFF82A97B)</a>
YUV	<a href="#">152.0950, -14.3438, -19.3773</a>
Hunter-Lab	<a href="#">58.7808, -20.9694, 16.9521</a>

# Details

The Hex color **82A97B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A27BA9**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B8E0B0**, and **4F754A** is the 20% darker color. If you saturate the color by 10%, you get **74A96A**, and if you desaturate by 10%, it is **90A98C**.

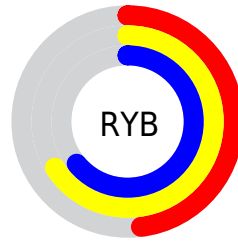
# Distribution



Red (51%)

Green (66%)

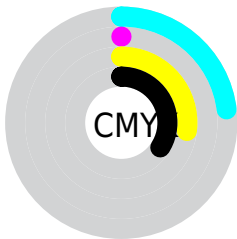
Blue (48%)



Red (48%)

Yellow (66%)

Blue (64%)

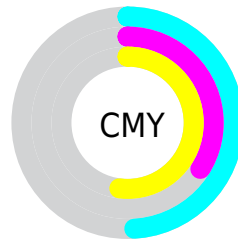


Cyan (23%)

Magenta (0%)

Yellow (27%)

Black (34%)



Cyan (49%)

Magenta (34%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82A97B 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 82A97B by changing the saturation by 10% instead.



 82A97B

 82A97B

FFFFFF

 688E62

 B8E0B0

 4F754A

 D4FDCB

 375C33

 F0FFE7

 20441D

 092D06

 001B00

 000000

 82A97B

 82A97B

 74A96A

 90A98C

 65A959

 9FA99D

 57A948

 ADA9AE

 49A937

 BBA9BF

 3AA927

 CAA9CF

 2CA916

 D8A9E0

 1EA905

 E6A9F1

 1AA900

 F5A9FF

 FFA9FF

# Harmonies

## Analogous

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



A0A26C



82A97B



63AD94

# Triad

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



82A97B



6CA4D2



D48B8F

# Complementary

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



82A97B



A27BA9

# 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.



CD8CAA



82A97B



949CD1

# Square

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



82A97B



4CAAC6



B792C2



CD9178

# Rectangle

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



82A97B



51ADA6



B792C2



D38B98



# Sweetspot

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



82A97B



CCDBCA



A9A17B



646E63



EDEDED



6E6E6E



# Same Dimension

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



82A97B



9EDB93



7BA98A



4D544C



179400



031400



# Inverse Universe

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



A27BA9



D093DB



A97B9A



534C54



7D0094



110014



# Previews

## White Background



This preview shows how the Hex color 82A97B looks on a white background.

## Color Contrast Check

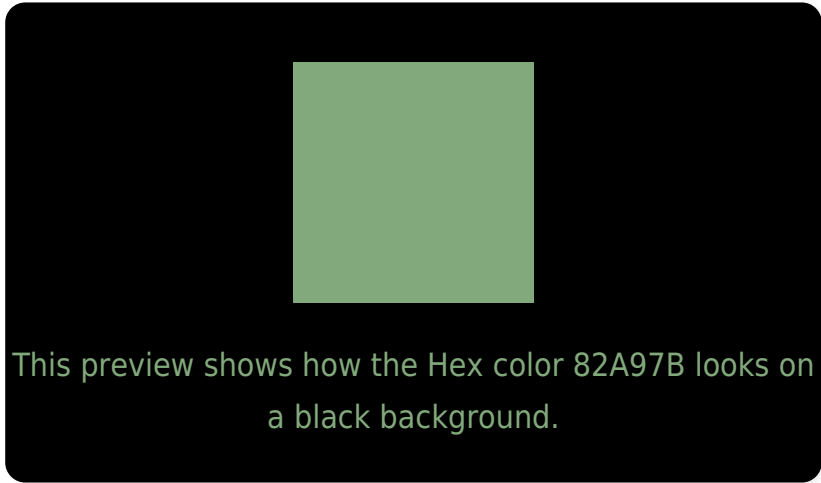
Large Text (above 18pt) WCAG AA × Fail

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

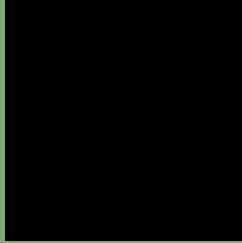
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82A97B Background



This preview shows how black text looks on a background with the Hex color 82A97B.



This preview shows how white text looks on a background with the Hex color 82A97B.

# 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](#).

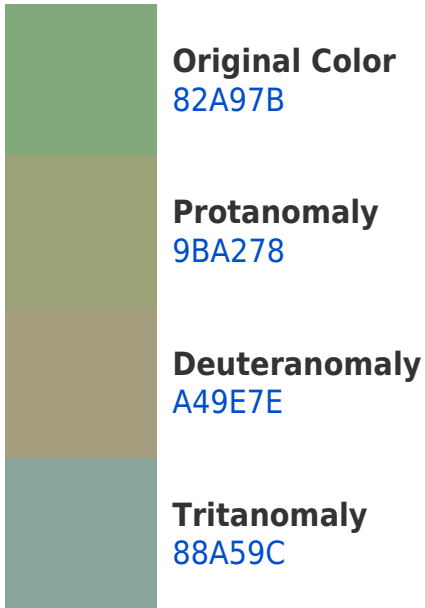
## Dichromacy



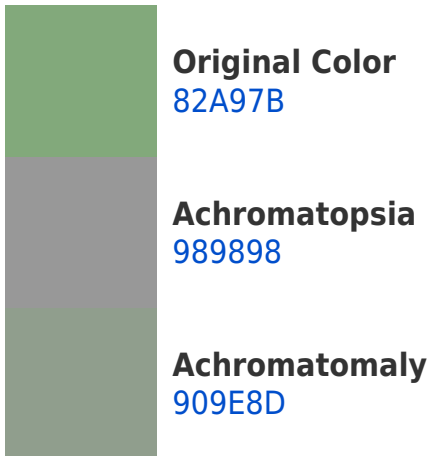


**Tritanopia**  
8BA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82A97B 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 #82A97B looks like.

```
.text, #text, p{  
    color:#82A97B  
}
```

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 #82A97B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A97B
}
```

## Border

The CSS property to change the border of an element to Hex 82A97B 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
#82A97B }
```

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

```
.border{ border-color:#82A97B }
```

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

Here you see how a box with a 4 pixel #82A97B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A97B; -webkit-box-shadow:4px 4px  
4px 4px #82A97B; box-shadow:4px 4px 4px  
4px #82A97B }
```

# Background

The CSS property to change the background color of an element to Hex 82A97B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A97B }
```

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

```
.background{ background-color:#82A97B }
```

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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