

# Converting Colors

Hex(80A994)

Have a look what the booklet for  
Hex(80A994) contains.

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# **Color**

**Hex(80A994)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A994
RGB	128, 169, 148
RGB Percent	50%, 66%, 58%
CMY	0.4980, 0.3373, 0.4196
CMYK	0.24, 0.00, 0.12, 0.34
HSL	149°, 19%, 58%
HSV	149°, 24%, 66%
XYZ	28.4353, 35.1032, 33.2939
YIQ	154.3470, -17.6950, -15.2230

# Conversions

## Conversions Part 2

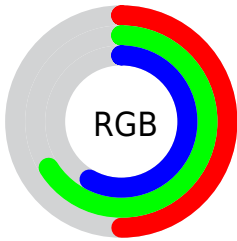
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 156, 169</a>
Decimal	<a href="#">8432020</a>
<a href="#">CIELab</a>	<a href="#">65.83, -18.30, 6.34</a>
<a href="#">CIELCh</a>	<a href="#">66, 19.371, 160.883</a>
<a href="#">Yxy</a>	<a href="#">35.1032, 0.2937, 0.3625</a>
Android (android.graphics.Color)	<a href="#">4286622100</a> ( <a href="#">0xFF80A994</a> )
<a href="#">YUV</a>	<a href="#">154.3470, -3.1291, -23.1063</a>
<a href="#">Hunter-Lab</a>	<a href="#">59.2480, -18.0151, 8.1561</a>

# Details

The Hex color **80A994** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A98095**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B5E0CA**, and **4E7561** is the 20% darker color. If you saturate the color by 10%, you get **6FA98B**, and if you desaturate by 10%, it is **91A99D**.

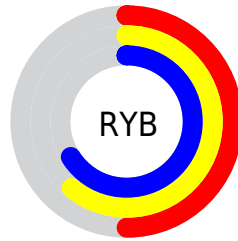
# Distribution



Red (50%)

Green (66%)

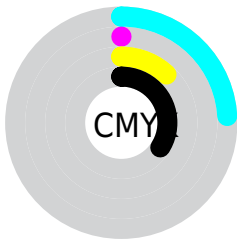
Blue (58%)



Red (50%)

Yellow (61%)

Blue (66%)

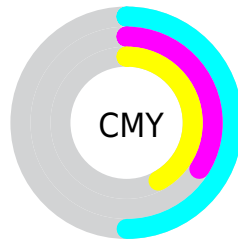


Cyan (24%)

Magenta (0%)

Yellow (12%)

Black (34%)



Cyan (50%)

Magenta (34%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80A994 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 80A994 by changing the saturation by 10% instead.





80A994



80A994

FFFFFF



668E7A



B5E0CA



4E7561



D1FDE6



365C4A



EEFFFF



1F4433



062E1E



001A05



000000



80A994



80A994



6FA98B



91A99D

 5EA983

 A2A9A5

 4DA97A

 B3A9AE

 3CA971

 C4A9B7

 2BA969

 D4A9BF

 1BA960

 E5A9C8

 0AA957

 F6A9D1

 00A952

 FFA9D9

 FFA9E2

# Harmonies

## Analogous

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



93A685



80A994



73AAA6

# Triad

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



80A994



949FC2



C2968A

# Complementary

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



80A994



A98095

# 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.



C4949A



80A994



AB99BA

# Square

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



80A994



7EA5C0



BC95AC



B79B80

# Rectangle

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



80A994



70A9B1



BC95AC



C3958F



# Sweetspot

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



80A994



CCDBD3



95A980



656E69



EDEDED



6E6E6E



# Same Dimension

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



80A994



9CDBBB



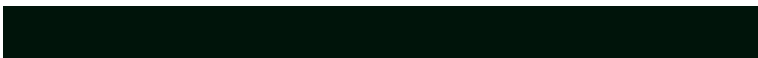
80A9A8



4C5450



009448



00140A



# Inverse Universe

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



A98095



DB9CBC



A98081



544C50



94004C



14000A



# Previews

## White Background



This preview shows how the Hex color 80A994 looks on a white background.

## Color Contrast Check

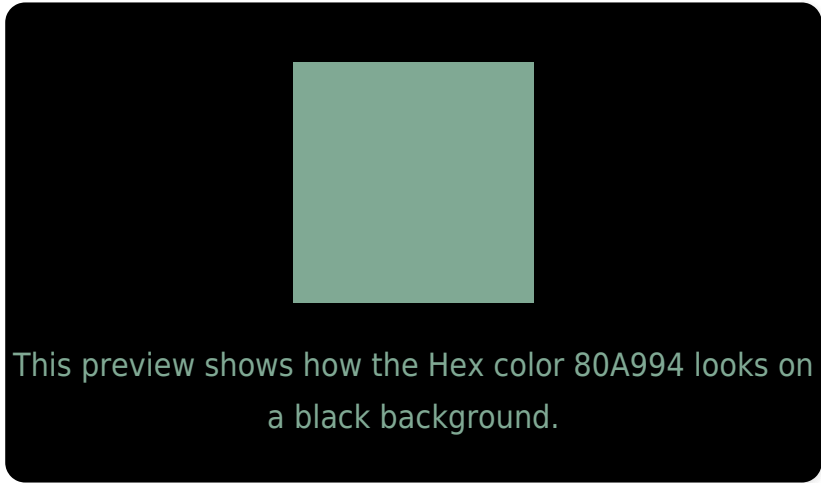
Large Text (above 18pt) WCAG AA × Fail

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

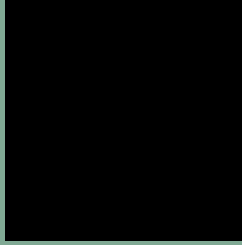
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80A994 Background



This preview shows how black text looks on a background with the Hex color 80A994.

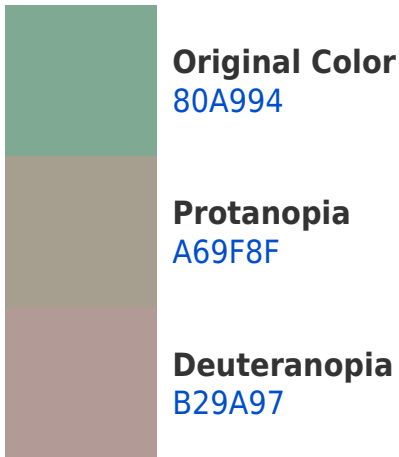


This preview shows how white text looks on a background with the Hex color 80A994.

# 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](#).

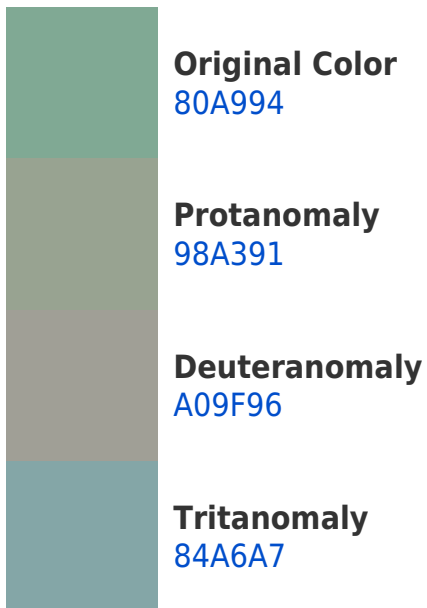
## Dichromacy



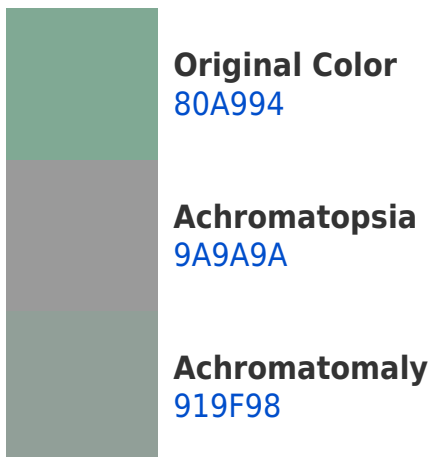


**Tritanopia**  
86A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80A994 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 #80A994 looks like.

```
.text, #text, p{  
    color:#80A994  
}
```

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 #80A994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A994
}
```

## Border

The CSS property to change the border of an element to Hex 80A994 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
#80A994 }
```

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

```
.border{ border-color:#80A994 }
```

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

Here you see how a box with a 4 pixel #80A994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A994; -webkit-box-shadow:4px 4px  
4px 4px #80A994; box-shadow:4px 4px 4px  
4px #80A994 }
```

# Background

The CSS property to change the background color of an element to Hex 80A994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A994 }
```

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

```
.background{ background-color:#80A994 }
```

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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