

Converting Colors

Hex(80A984)

Have a look what the booklet for
Hex(80A984) contains.

Hex(80A984)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80A984)

Conversions

Conversions Part 1

Format	Color
Hex	80A984
RGB	128, 169, 132
RGB Percent	50%, 66%, 52%
CMY	0.4980, 0.3373, 0.4824
CMYK	0.24, 0.00, 0.22, 0.34
HSL	126°, 19%, 58%
HSV	126°, 24%, 66%
XYZ	27.2549, 34.6311, 27.0778
YIQ	152.5230, -12.5590, -20.1990

Conversions

Conversions Part 2

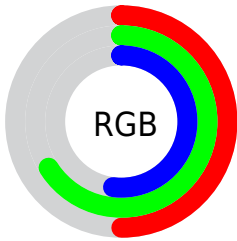
Format	Color
RYB	128, 165, 169
Decimal	8432004
CIELab	65.46, -21.41, 14.68
CIElCh	65, 25.956, 145.564
Yxy	34.6311, 0.3064, 0.3893
Android (android.graphics.Color)	4286622084 (0xFF80A984)
YUV	152.5230, -10.1178, -21.5067
Hunter-Lab	58.8482, -20.3139, 13.9126

Details

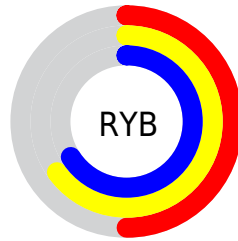
The Hex color **80A984** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A980A5**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B6E0B9**, and **4E7552** is the 20% darker color. If you saturate the color by 10%, you get **6FA975**, and if you desaturate by 10%, it is **91A993**.

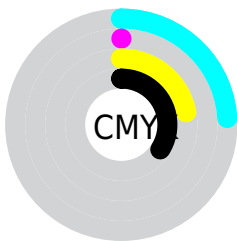
Distribution



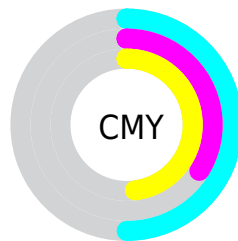
- Red (50%)
- Green (66%)
- Blue (52%)



- Red (50%)
- Yellow (65%)
- Blue (66%)



- Cyan (24%)
- Magenta (0%)
- Yellow (22%)
- Black (34%)



- Cyan (50%)
- Magenta (34%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A984 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 80A984 by changing the saturation by 10% instead.



80A984



80A984

FFFFFF



668E6B



B6E0B9



4E7552



D1FDD5



365C3B



EEFFF1



1E4425



062E11



001B00



000000



80A984



80A984



6FA975



91A993

 5EA965

 A2A9A3

 4DA956

 B3A9B2

 3CA947

 C4A9C1

 2BA938

 D4A9D0

 1BA928

 E5A9E0

 0AA919

 F6A9EF

 00A910

 FFA9FE

 FFA9FF

Harmonies

Analogous

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



9BA475



80A984



67AC9B

Triad

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



80A984



7DA2CD



CE8F8C

Complementary

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



80A984



A980A5

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.



CA8EA3



80A984



9E9AC9

Square

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



80A984



61A8C5



BA93BA



C59579

Rectangle

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



80A984



5BACAB



BA93BA



CE8E94

Sweetspot

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



80A984



CCDBCD



A6A980



656E66



EDEDED



6E6E6E

Same Dimension

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



80A984



9CDBA2



80A998



4C544D



00940E



001402

Inverse Universe

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



A980A5



DB9CD5



A98091



544C53



940085



140012

Previews

White Background



This preview shows how the Hex color 80A984 looks on a white background.

Color Contrast Check

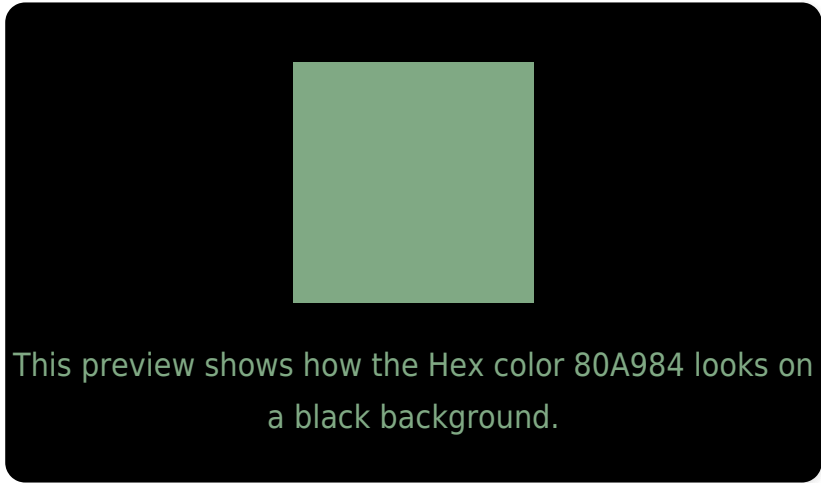
Large Text (above 18pt) WCAG AA × Fail

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

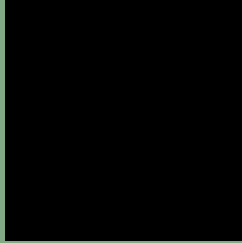
Any Text WCAG AA ✓ Pass

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 80A984 Background



This preview shows how black text looks on a background with the Hex color 80A984.



This preview shows how white text looks on a background with the Hex color 80A984.

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](#).

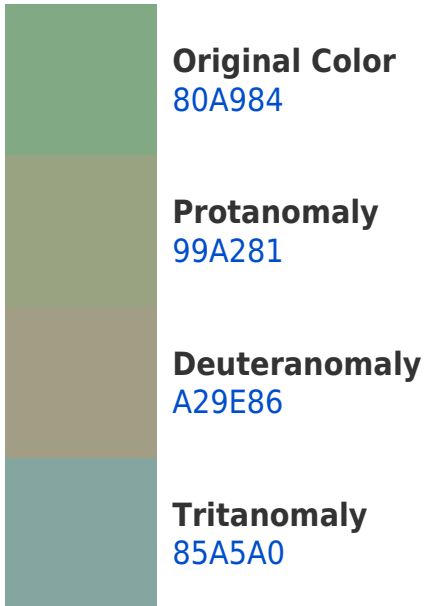
Dichromacy



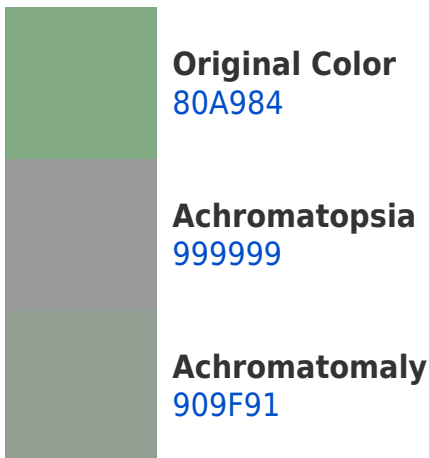


Tritanopia
88A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A984 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 #80A984 looks like.

```
.text, #text, p{  
    color:#80A984  
}
```

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 #80A984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A984
}
```

Border

The CSS property to change the border of an element to Hex 80A984 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
#80A984 }
```

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

```
.border{ border-color:#80A984 }
```

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

Here you see how a box with a 4 pixel #80A984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A984; -webkit-box-shadow:4px 4px  
4px 4px #80A984; box-shadow:4px 4px 4px  
4px #80A984 }
```

Background

The CSS property to change the background color of an element to Hex 80A984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A984 }
```

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

```
.background{ background-color:#80A984 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor