

# Converting Colors

Hex(80A081)

Have a look what the booklet for  
Hex(80A081) contains.

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# **Color**

**Hex(80A081)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A081
RGB	128, 160, 129
RGB Percent	50%, 63%, 51%
CMY	0.4980, 0.3725, 0.4941
CMYK	0.20, 0.00, 0.19, 0.37
HSL	122°, 14%, 56%
HSV	122°, 20%, 63%
XYZ	25.4353, 31.3158, 25.4728
YIQ	146.8980, -9.1210, -16.4250

# Conversions

## Conversions Part 2

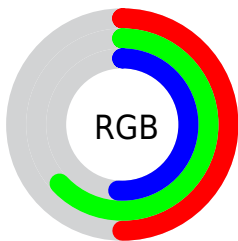
Format	Color
<a href="#">RYB</a>	<a href="#">128, 159, 160</a>
Decimal	<a href="#">8429697</a>
CIELab	<a href="#">62.77, -17.33, 12.58</a>
CIELCh	<a href="#">63, 21.417, 144.026</a>
Yxy	<a href="#">31.3158, 0.3093, 0.3809</a>
Android (android.graphics.Color)	<a href="#">4286619777 (0xFF80A081)</a>
YUV	<a href="#">146.8980, -8.8237, -16.5735</a>
Hunter-Lab	<a href="#">55.9605, -16.7985, 12.1839</a>

# Details

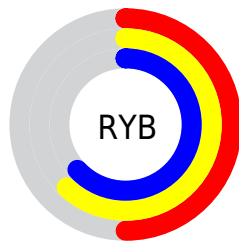
The Hex color **80A081** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A0809F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B5D7B6**, and **4E6C50** is the 20% darker color. If you saturate the color by 10%, you get **70A072**, and if you desaturate by 10%, it is **90A091**.

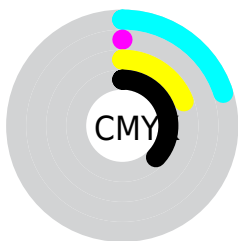
# Distribution



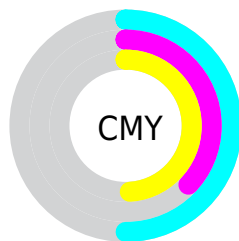
- Red (50%)
- Green (63%)
- Blue (51%)



- Red (50%)
- Yellow (62%)
- Blue (63%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (37%)



- Cyan (50%)
- Magenta (37%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80A081 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 80A081 by changing the saturation by 10% instead.



 80A081

 80A081

FFFFFF

 678668

 B5D7B6

 4E6C50

 D1F3D2

 375439

 EDFFEF

 203D23

 0A270E

 001100

 000000

 80A081

 80A081

 70A072

 90A091

 60A062

 A0A0A0

 50A053

 B0A0B0

 40A043

 C0A0BF

 30A034

 D0A0CE

 20A024

 E0A0DE

 10A014

 F0A0EE

 00A005

 FFA0FD

 FFA0FF

# Harmonies

## Analogous

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



969B75



80A081



6CA293

# Triad

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



80A081



7C9BBD



BF8B89

# Complementary

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



80A081



A0809F

# 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.



BB8A9C



80A081



9694BA

# Square

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



80A081



67A0B6



AD8EAE



B88F7A

# Rectangle

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



80A081



64A3A0



AD8EAE



BF8A8F



# Sweetspot

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



80A081



C5D1C5



9FA080



616961



E8E8E8



696969



# Same Dimension

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



80A081



9FD1A0



80A091



474F47



008F04



000F00



# Inverse Universe

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



A0809F



D19FD0



A0808F



4F474F



8F008A

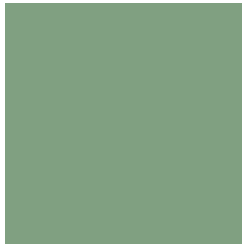


0F000F



# Previews

## White Background



This preview shows how the Hex color 80A081 looks on a white background.

## Color Contrast Check

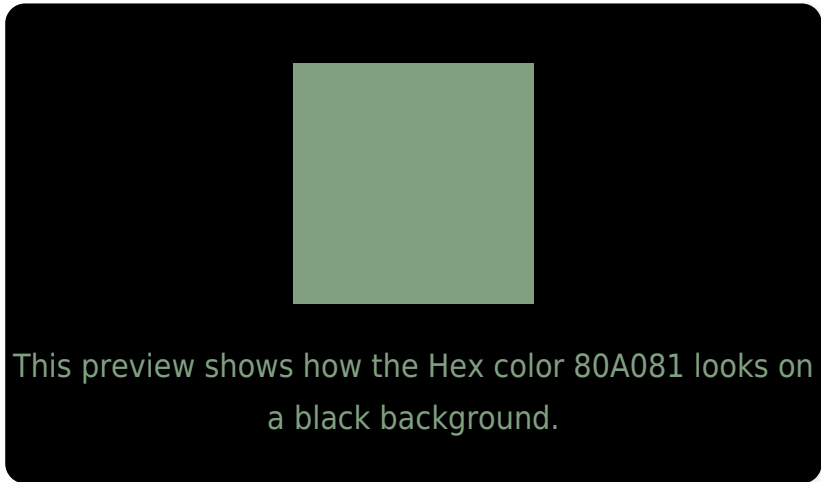
Large Text (above 18pt) WCAG AA × Fail

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

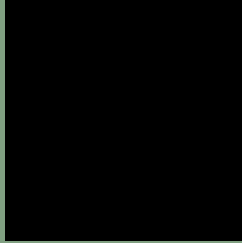
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80A081 Background



This preview shows how black text looks on a background with the Hex color 80A081.

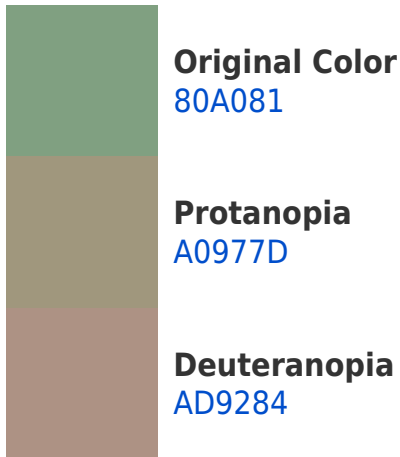


This preview shows how white text looks on a background with the Hex color 80A081.

# 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**  
879BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80A081 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 #80A081 looks like.

```
.text, #text, p{  
    color:#80A081  
}
```

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 #80A081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A081
}
```

## Border

The CSS property to change the border of an element to Hex 80A081 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
#80A081 }
```

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

```
.border{ border-color:#80A081 }
```

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

Here you see how a box with a 4 pixel #80A081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A081; -webkit-box-shadow:4px 4px  
4px 4px #80A081; box-shadow:4px 4px 4px  
4px #80A081 }
```

# Background

The CSS property to change the background color of an element to Hex 80A081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A081 }
```

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

```
.background{ background-color:#80A081 }
```

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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