

# Converting Colors

Hex(80A27C)

Have a look what the booklet for  
Hex(80A27C) contains.

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# **Color**

**Hex(80A27C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A27C
RGB	128, 162, 124
RGB Percent	50%, 64%, 49%
CMY	0.4980, 0.3647, 0.5137
CMYK	0.21, 0.00, 0.23, 0.36
HSL	114°, 17%, 56%
HSV	114°, 23%, 64%
XYZ	25.4605, 31.8851, 23.8813
YIQ	147.5020, -8.0660, -19.0260

# Conversions

## Conversions Part 2

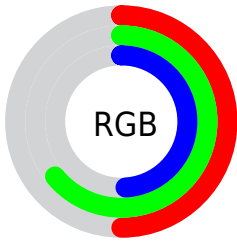
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 162, 158
Decimal	8430204
CIELab	63.25, -19.27, 16.02
CIElCh	63, 25.061, 140.262
Yxy	31.8851, 0.3134, 0.3925
Android (android.graphics.Color)	4286620284 (0xFF80A27C)
YUV	147.5020, -11.5865, -17.1033
Hunter-Lab	56.4669, -18.3327, 14.4515

# Details

The Hex color **80A27C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9E7CA2**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B5D9B1**, and **4E6E4B** is the 20% darker color. If you saturate the color by 10%, you get **72A26C**, and if you desaturate by 10%, it is **8EA28C**.

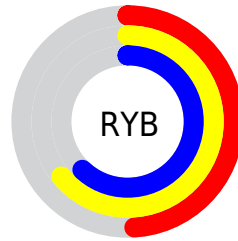
# Distribution



Red (50%)

Green (64%)

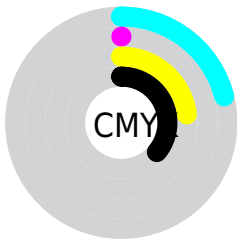
Blue (49%)



Red (49%)

Yellow (64%)

Blue (62%)

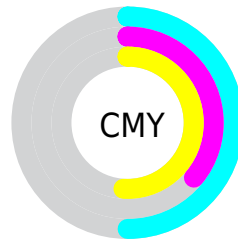


Cyan (21%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80A27C 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 80A27C by changing the saturation by 10% instead.





80A27C



80A27C

FFFFFF



678863



B5D9B1



4E6E4B



D1F5CC



365634



EEFFE8



203E1F



0A2808



001300



000000



80A27C



80A27C



72A26C



8EA28C

 63A25C

 9DA29C

 55A24B

 ABA2AD

 46A23B

 BAA2BD

 38A22B


 C8A2CD

 29A21B

 D7A2DD

 1BA20B

 E5A2ED

 11A200

 F4A2FE

 FFA2FF

# Harmonies

## Analogous

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



999C6F



80A27C



67A591

# Triad

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



80A27C



739DC5



C6898B

# Complementary

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



80A27C



9E7CA2

# 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.



C189A1



80A27C



9396C3

# Square

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



80A27C



5AA3BB



AF8EB6



C08E78

# Rectangle

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



80A27C



5BA6A0



AF8EB6



C68992



# Sweetspot

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



80A27C



C6D4C5



A29E7C



636B63



EBEBEB



6B6B6B



# Same Dimension

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



80A27C



9FD498



7CA28B



4A5249



0F9100



021200



# Inverse Universe

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



9E7CA2



CD98D4



A27C93



514952



820091



100012



# Previews

## White Background



This preview shows how the Hex color 80A27C looks on a white background.

## Color Contrast Check

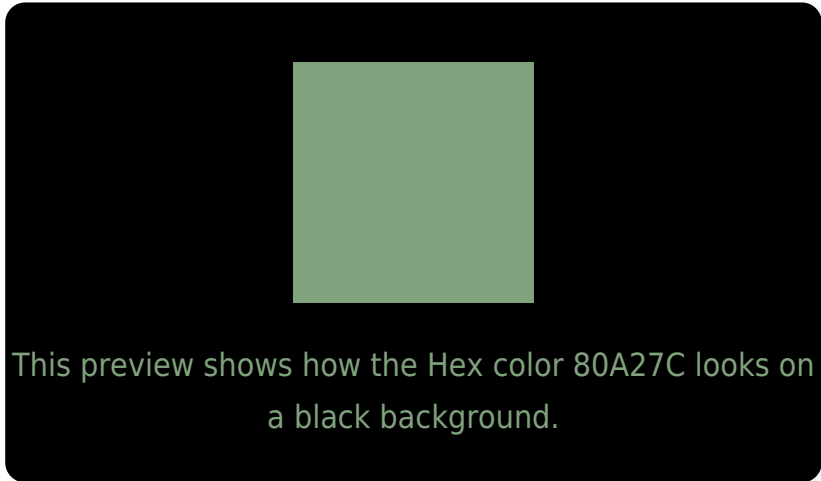
Large Text (above 18pt) WCAG AA × Fail

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

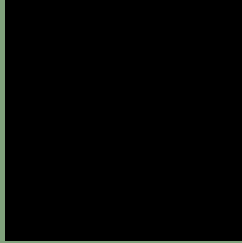
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80A27C Background



This preview shows how black text looks on a background with the Hex color 80A27C.

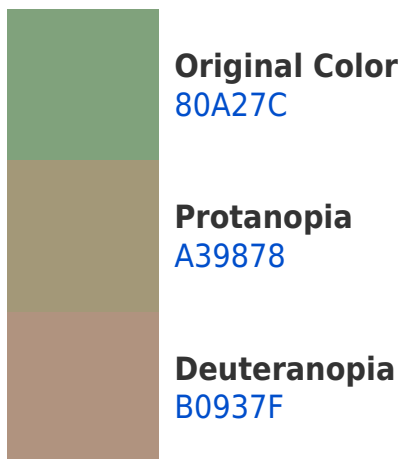


This preview shows how white text looks on a background with the Hex color 80A27C.

# 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](#).

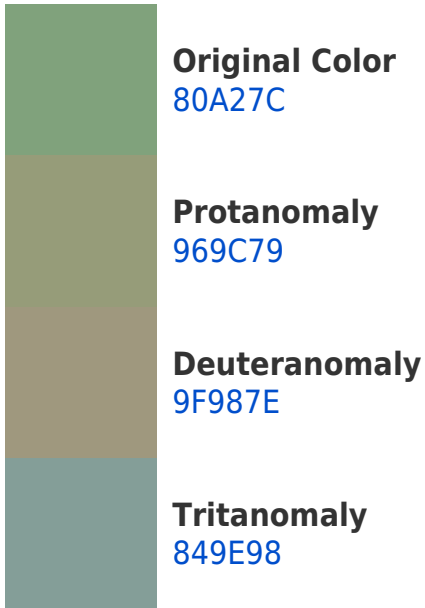
## Dichromacy



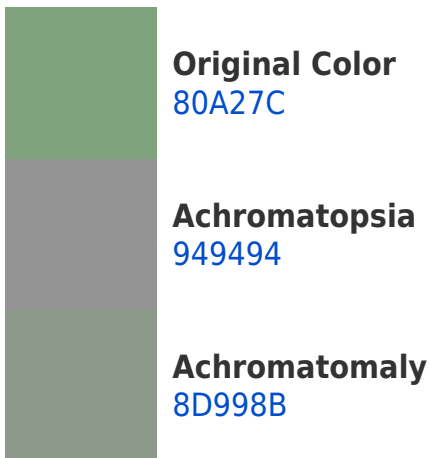


**Tritanopia**  
879CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80A27C 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 #80A27C looks like.

```
.text, #text, p{  
    color:#80A27C  
}
```

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 #80A27C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A27C
}
```

## Border

The CSS property to change the border of an element to Hex 80A27C 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
#80A27C }
```

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

```
.border{ border-color:#80A27C }
```

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

Here you see how a box with a 4 pixel #80A27C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A27C; -webkit-box-shadow:4px 4px  
4px 4px #80A27C; box-shadow:4px 4px 4px  
4px #80A27C }
```

# Background

The CSS property to change the background color of an element to Hex 80A27C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A27C }
```

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

```
.background{ background-color:#80A27C }
```

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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