

# Converting Colors

Hex(80B27E)

Have a look what the booklet for  
Hex(80B27E) contains.

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# **Color**

**Hex(80B27E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80B27E
RGB	128, 178, 126
RGB Percent	50%, 70%, 49%
CMY	0.4980, 0.3020, 0.5059
CMYK	0.28, 0.00, 0.29, 0.30
HSL	118°, 25%, 60%
HSV	118°, 29%, 70%
XYZ	28.5884, 37.9363, 25.5543
YIQ	157.1220, -13.1080, -26.7720

# Conversions

## Conversions Part 2

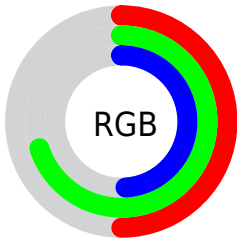
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">126, 178, 176</a>
Decimal	<a href="#">8434302</a>
CIELab	<a href="#">67.97, -26.95, 21.42</a>
CIELCh	<a href="#">68, 34.422, 141.527</a>
Yxy	<a href="#">37.9363, 0.3105, 0.4120</a>
Android (android.graphics.Color)	<a href="#">4286624382 (0xFF80B27E)</a>
YUV	<a href="#">157.1220, -15.3431, -25.5400</a>
Hunter-Lab	<a href="#">61.5925, -24.9354, 18.5157</a>

# Details

The Hex color **80B27E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B07EB2**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B6EAB3**, and **4D7D4D** is the 20% darker color. If you saturate the color by 10%, you get **6FB26C**, and if you desaturate by 10%, it is **91B290**.

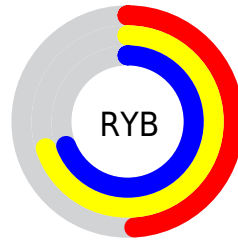
# Distribution



Red (50%)

Green (70%)

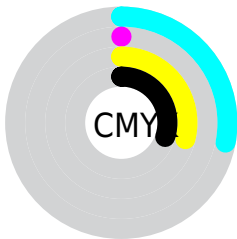
Blue (49%)



Red (49%)

Yellow (70%)

Blue (69%)

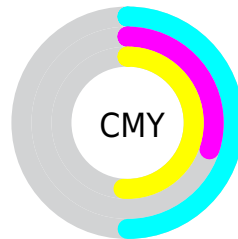


Cyan (28%)

Magenta (0%)

Yellow (29%)

Black (30%)



Cyan (50%)

Magenta (30%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80B27E 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 80B27E by changing the saturation by 10% instead.





80B27E



80B27E

FFFFFF



669765



B6EAB3



4D7D4D



D2FFCF



346435



EFFFEB



1B4C1F



003409



002000



000000



80B27E



80B27E



6FB26C



91B290

 5EB25A

 A2B2A2

 4DB249

 B3B2B3

 3CB237

 C4B2C5

 2AB225

 D6B2D7

 19B213

 E7B2E9

 08B201

 F8B2FB

 07B200

 FFB2FF

# Harmonies

## Analogous

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



A4AB6B



80B27E



59B69B

# Triad

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



80B27E



6CABE3



E38F90

# Complementary

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



80B27E



B07EB2

# 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.



DC8FB0



80B27E



9DA1DF

# Square

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



80B27E



3DB3D5



C496CD



D99676

# Rectangle

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



80B27E



40B7B1



C496CD



E38E9B



# Sweetspot

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



80B27E



D4E8D3



B2AF7E



697568



F5F5F5



757575



# Same Dimension

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



80B27E



9AE897



7EB295



515950



069900



011A00



# Inverse Universe

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



B07EB2



E597E8



B27E9B



595059



930099



19001A



# Previews

## White Background



This preview shows how the Hex color 80B27E looks on a white background.

## Color Contrast Check

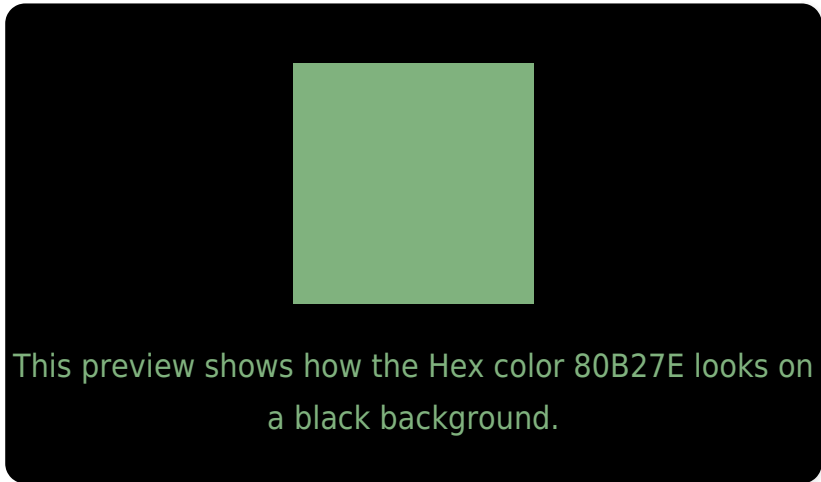
Large Text (above 18pt) WCAG AA × Fail

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 80B27E Background



This preview shows how black text looks on a background with the Hex color 80B27E.

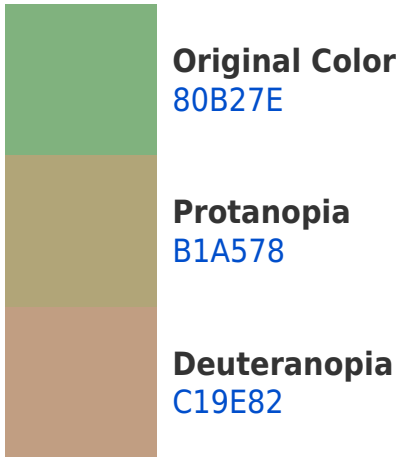


This preview shows how white text looks on a background with the Hex color 80B27E.

# 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](#).

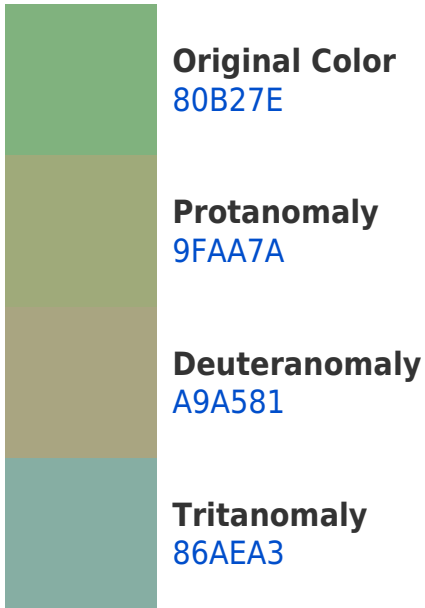
## Dichromacy



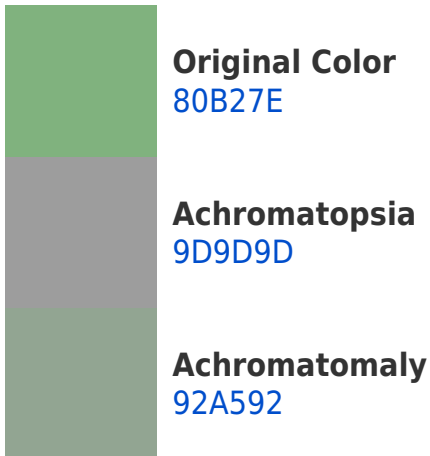


**Tritanopia**  
8AABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80B27E 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 #80B27E looks like.

```
.text, #text, p{  
    color:#80B27E  
}
```

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 #80B27E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B27E
}
```

## Border

The CSS property to change the border of an element to Hex 80B27E 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
#80B27E }
```

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

```
.border{ border-color:#80B27E }
```

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

Here you see how a box with a 4 pixel #80B27E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B27E; -webkit-box-shadow:4px 4px  
4px 4px #80B27E; box-shadow:4px 4px 4px  
4px #80B27E }
```

# Background

The CSS property to change the background color of an element to Hex 80B27E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B27E }
```

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

```
.background{ background-color:#80B27E }
```

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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