

Converting Colors

Hex(80A37E)

Have a look what the booklet for
Hex(80A37E) contains.

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Color

Hex(80A37E)

Conversions

Conversions Part 1

Format	Color
Hex	80A37E
RGB	128, 163, 126
RGB Percent	50%, 64%, 49%
CMY	0.4980, 0.3608, 0.5059
CMYK	0.21, 0.00, 0.23, 0.36
HSL	117°, 17%, 57%
HSV	117°, 23%, 64%
XYZ	25.7652, 32.2899, 24.6133
YIQ	148.3170, -8.9830, -18.9270

Conversions

Conversions Part 2

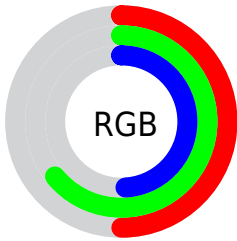
Format	Color
RYB	126, 163, 161
Decimal	8430462
CIELab	63.58, -19.43, 15.38
CIELCh	64, 24.778, 141.643
Yxy	32.2899, 0.3117, 0.3906
Android (android.graphics.Color)	4286620542 (0xFF80A37E)
YUV	148.3170, -11.0023, -17.8180
Hunter-Lab	56.8242, -18.5072, 14.0956

Details

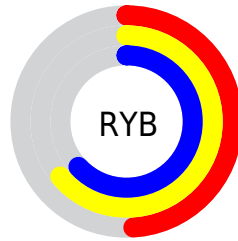
The Hex color **80A37E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A17EA3**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B5DAB3**, and **4E6F4D** is the 20% darker color. If you saturate the color by 10%, you get **71A36E**, and if you desaturate by 10%, it is **8FA38E**.

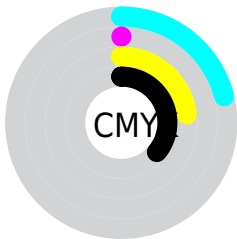
Distribution



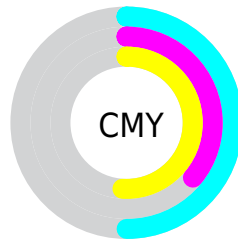
- Red (50%)
- Green (64%)
- Blue (49%)



- Red (49%)
- Yellow (64%)
- Blue (63%)



- Cyan (21%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)



- Cyan (50%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A37E 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 80A37E by changing the saturation by 10% instead.

 80A37E

 80A37E

FFFFFF

 678965

 B5DAB3

 4E6F4D

 D1F7CE

 365736

 EEFFEB

 1F3F20


 09290A

 001500

 000000

 80A37E

 80A37E

 71A36E

 8FA38E

 61A35D

 9FA39F

 52A34D

 AEA3AF

 42A33D

 BEA3BF

 33A32D

 CDA3CF

 23A31C

 DDA3E0

 14A30C

 ECA3F0

 09A300

 FBA3FF

 FFA3FF

Harmonies

Analogous

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



999E71



80A37E



68A693

Triad

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



80A37E



769EC5



C78B8B

Complementary

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



80A37E



A17EA3

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.



C28AA1



80A37E



9596C3

Square

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



80A37E



5DA3BC



B08FB6



C08F78

Rectangle

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



80A37E



5CA6A2



B08FB6



C68A92

Sweetspot

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



80A37E



C6D4C5



A3A17E



636B63



EBEBEB



6B6B6B

Same Dimension

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



80A37E



9ED49B



7EA38E



4A5249



089100



011200

Inverse Universe

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



A17EA3



D19BD4



A37E93



514952



890091



110012

Previews

White Background



This preview shows how the Hex color 80A37E looks on a white background.

Color Contrast Check

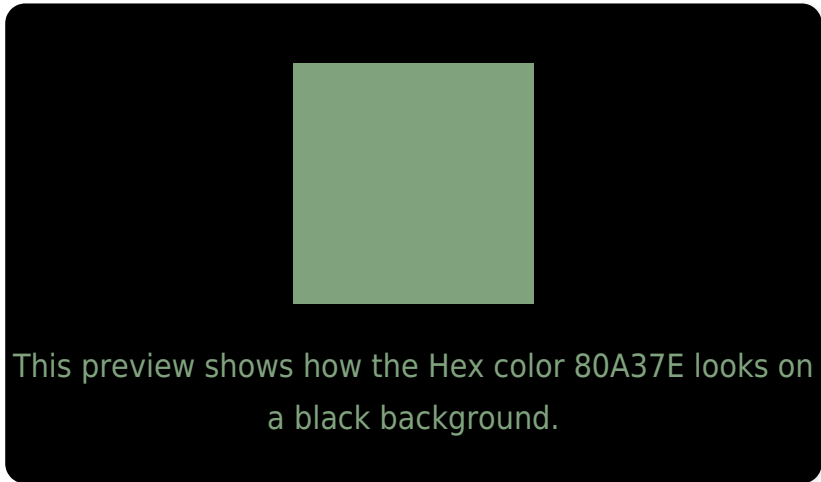
Large Text (above 18pt) WCAG AA × Fail

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

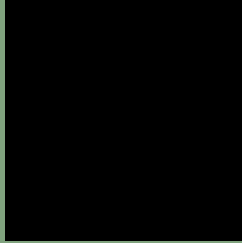
Any Text WCAG AA ✓ Pass

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 80A37E Background



This preview shows how black text looks on a background with the Hex color 80A37E.

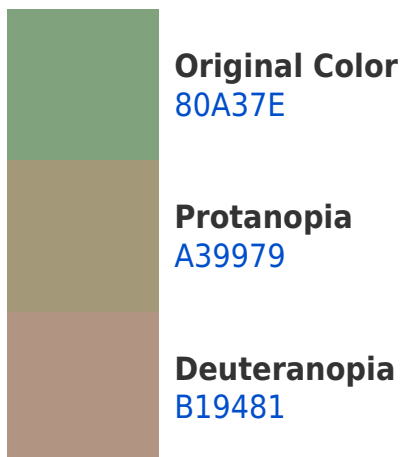


This preview shows how white text looks on a background with the Hex color 80A37E.

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



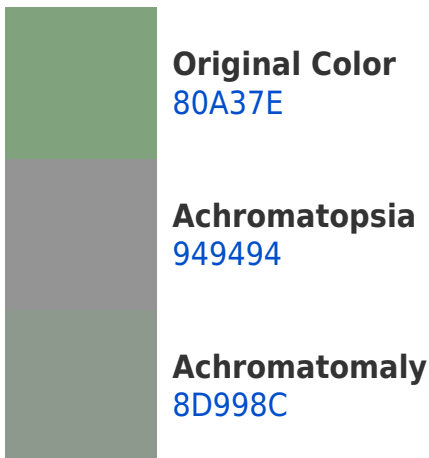


Tritanopia
879DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A37E 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 #80A37E looks like.

```
.text, #text, p{  
    color:#80A37E  
}
```

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 #80A37E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A37E
}
```

Border

The CSS property to change the border of an element to Hex 80A37E 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
#80A37E }
```

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

```
.border{ border-color:#80A37E }
```

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

Here you see how a box with a 4 pixel #80A37E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A37E; -webkit-box-shadow:4px 4px  
4px 4px #80A37E; box-shadow:4px 4px 4px  
4px #80A37E }
```

Background

The CSS property to change the background color of an element to Hex 80A37E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A37E }
```

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

```
.background{ background-color:#80A37E }
```

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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