

Converting Colors

Hex(80AE97)

Have a look what the booklet for
Hex(80AE97) contains.

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Color

Hex(80AE97)

Conversions

Conversions Part 1

Format	Color
Hex	80AE97
RGB	128, 174, 151
RGB Percent	50%, 68%, 59%
CMY	0.4980, 0.3176, 0.4078
CMYK	0.26, 0.00, 0.13, 0.32
HSL	150°, 22%, 59%
HSV	150°, 26%, 68%
XYZ	29.6241, 37.0957, 34.8770
YIQ	157.6240, -20.0330, -16.9050

Conversions

Conversions Part 2

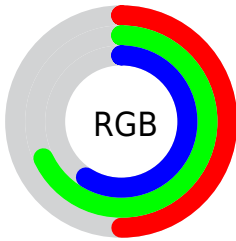
Format	Color
RYB	128, 159, 174
Decimal	8433303
CIELab	67.35, -20.26, 6.86
CIELCh	67, 21.388, 161.288
Yxy	37.0957, 0.2916, 0.3651
Android (android.graphics.Color)	4286623383 (0xFF80AE97)
YUV	157.6240, -3.2656, -25.9802
Hunter-Lab	60.9062, -19.7656, 8.6829

Details

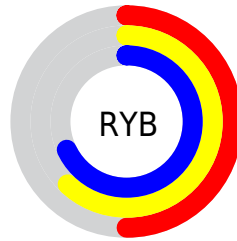
The Hex color **80AE97** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AE8097**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B6E6CD**, and **4D7964** is the 20% darker color. If you saturate the color by 10%, you get **6FAE8E**, and if you desaturate by 10%, it is **91AEA0**.

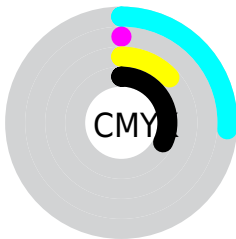
Distribution



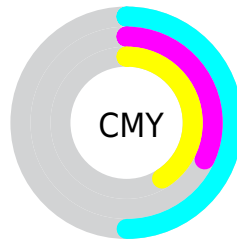
- Red (50%)
- Green (68%)
- Blue (59%)



- Red (50%)
- Yellow (62%)
- Blue (68%)



- Cyan (26%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (50%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80AE97 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 80AE97 by changing the saturation by 10% instead.



80AE97



80AE97

FFFFFF



66937D



B6E6CD



4D7964



D2FFE9



35604C



EEFFFF



1D4836



043220



001E09



000000



80AE97



80AE97



6FAE8E



91AEA0

 5DAE86

 A3AEA8

 4CAE7D

 B4AEB1

 3AAE74

 C6AEBA

 29AE6C

 D7AEC3

 18AE63

 E8AECB

 06AE5A

 FAAED4

 00AE57

 FFAEDD

 FFAEE5

Harmonies

Analogous

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



95AB87



80AE97



71AFAB

Triad

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



80AE97



97A3C9



C9998B

Complementary

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



80AE97



AE8097

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.



CB969D



80AE97



B09DC1

Square

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



80AE97



7EA9C8



C398B1



BD9F80

Rectangle

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



80AE97



6EAEB7



C398B1



CB9891

Sweetspot

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



80AE97



D1E3DA



97AE80



67736D



F2F2F2



737373

Same Dimension

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



80AE97



9AE3BF



80AEAE



4E5752



00964B



00170B

Inverse Universe

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



AE8097



E39ABF



AE8080



574E52



96004B



17000B

Previews

White Background



This preview shows how the Hex color 80AE97 looks on a white background.

Color Contrast Check

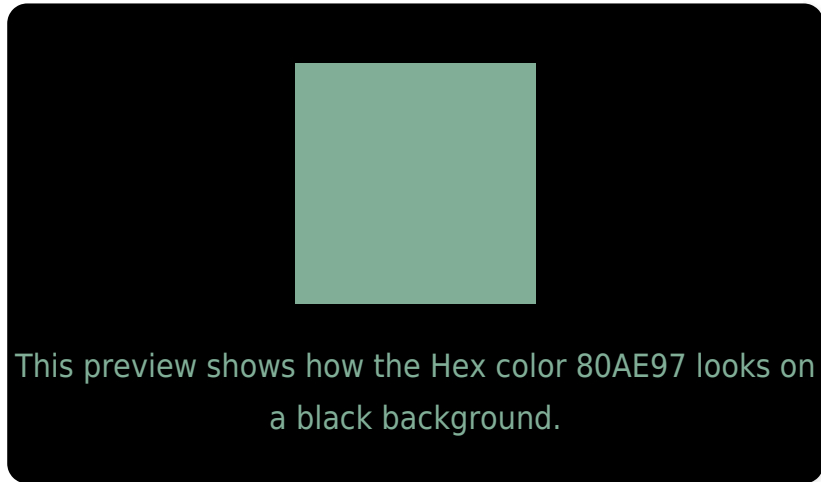
Large Text (above 18pt) WCAG AA × Fail

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

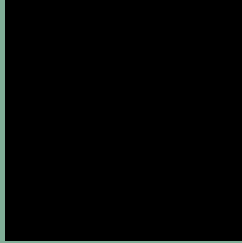
Any Text WCAG AA ✓ Pass

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 80AE97 Background



This preview shows how black text looks on a background with the Hex color 80AE97.

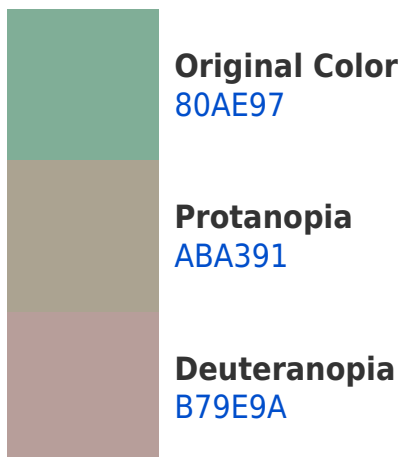


This preview shows how white text looks on a background with the Hex color 80AE97.

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](#).

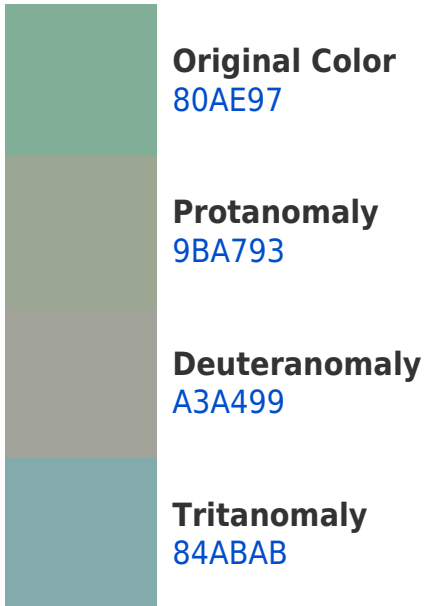
Dichromacy



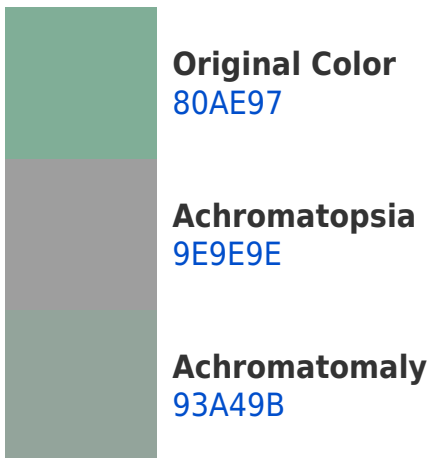


Tritanopia
86A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80AE97 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 #80AE97 looks like.

```
.text, #text, p{  
    color:#80AE97  
}
```

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 #80AE97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80AE97
}
```

Border

The CSS property to change the border of an element to Hex 80AE97 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
#80AE97 }
```

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

```
.border{ border-color:#80AE97 }
```

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

Here you see how a box with a 4 pixel #80AE97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80AE97; -webkit-box-shadow:4px 4px  
4px 4px #80AE97; box-shadow:4px 4px 4px  
4px #80AE97 }
```

Background

The CSS property to change the background color of an element to Hex 80AE97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80AE97 }
```

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

```
.background{ background-color:#80AE97 }
```

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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