

Converting Colors

Hex(80AF97)

Have a look what the booklet for
Hex(80AF97) contains.

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Color

Hex(80AF97)

Conversions

Conversions Part 1

Format	Color
Hex	80AF97
RGB	128, 175, 151
RGB Percent	50%, 69%, 59%
CMY	0.4980, 0.3137, 0.4078
CMYK	0.27, 0.00, 0.14, 0.31
HSL	149°, 23%, 59%
HSV	149°, 27%, 69%
XYZ	29.8180, 37.4835, 34.9416
YIQ	158.2110, -20.3080, -17.4280

Conversions

Conversions Part 2

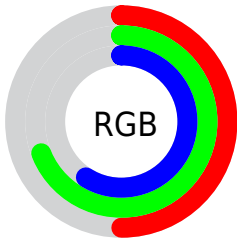
Format	Color
RYB	128, 160, 175
Decimal	8433559
CIELab	67.64, -20.77, 7.28
CIELCh	68, 22.005, 160.691
Yxy	37.4835, 0.2916, 0.3666
Android (android.graphics.Color)	4286623639 (0xFF80AF97)
YUV	158.2110, -3.5550, -26.4950
Hunter-Lab	61.2238, -20.2063, 9.0187

Details

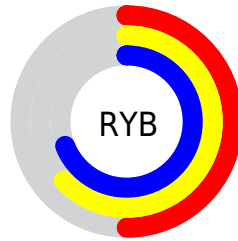
The Hex color **80AF97** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AF8098**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B6E7CD**, and **4D7A64** is the 20% darker color. If you saturate the color by 10%, you get **6FAF8E**, and if you desaturate by 10%, it is **92AFA0**.

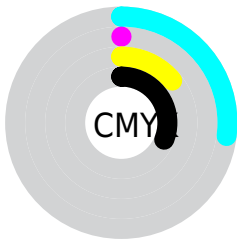
Distribution



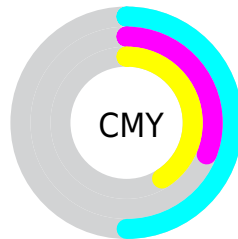
- Red (50%)
- Green (69%)
- Blue (59%)



- Red (50%)
- Yellow (63%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)



- Cyan (50%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80AF97 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 80AF97 by changing the saturation by 10% instead.



80AF97



80AF97

FFFFFF



66947D



B6E7CD



4D7A64



D2FFE9



35614C



EEFFFF



1D4936



033220



001E09



000000



80AF97



80AF97



6FAF8E



92AFA0

 5DAF85

 A3AFA9

 4BAF7C

 B4AFB2

 3AAF73

 C6AFBB

 29AF6A

 D7AFC4

 17AF61

 E9AFCD

 05AF58

 FBAFD6

 00AF56

 FFAFDE

 FFAFE7

Harmonies

Analogous

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



96AB86



80AF97



70B0AB

Triad

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



80AF97



97A4CB



CB998C

Complementary

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



80AF97



AF8098

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.



CD979E



80AF97



B19DC3

Square

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



80AF97



7DAACA



C498B2



BF9F80

Rectangle

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



80AF97



6CAFB8



C498B2



CD9891

Sweetspot

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



80AF97



D1E3DA



98AF80



67736D



F2F2F2



737373

Same Dimension

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



80AF97



9AE3BE



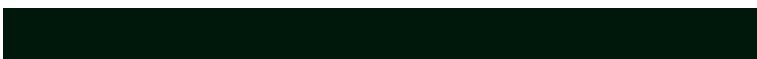
80AFAE



4E5752



00964A



00170B

Inverse Universe

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



AF8098



E39ABF



AF8081



574E52



96004D



17000C

Previews

White Background



This preview shows how the Hex color 80AF97 looks on a white background.

Color Contrast Check

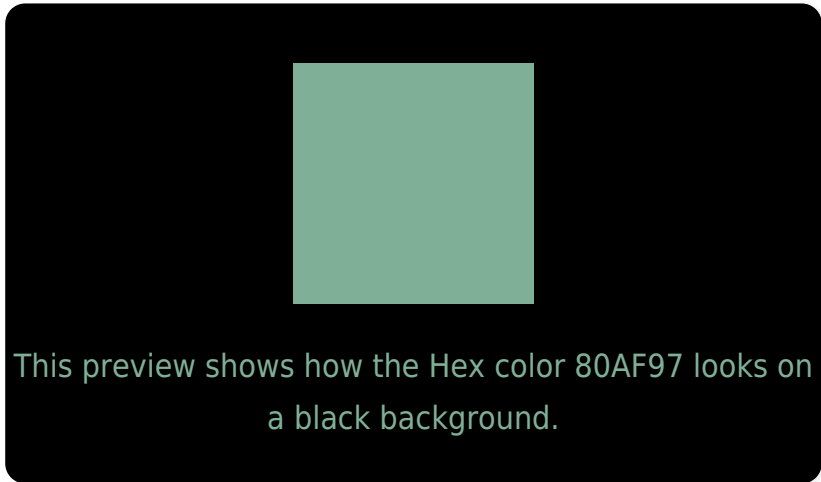
Large Text (above 18pt) WCAG AA × Fail

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

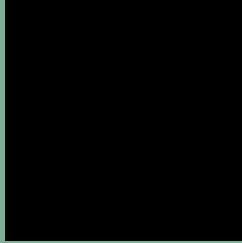
Any Text WCAG AA ✓ Pass

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 80AF97 Background



This preview shows how black text looks on a background with the Hex color 80AF97.

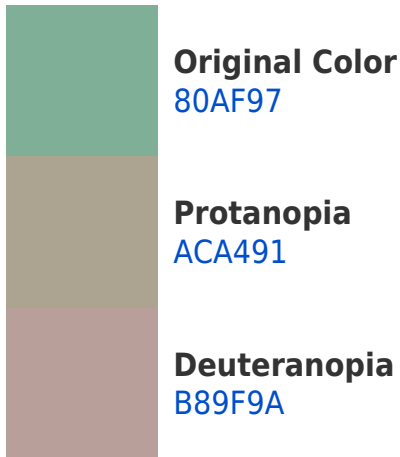


This preview shows how white text looks on a background with the Hex color 80AF97.

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](#).

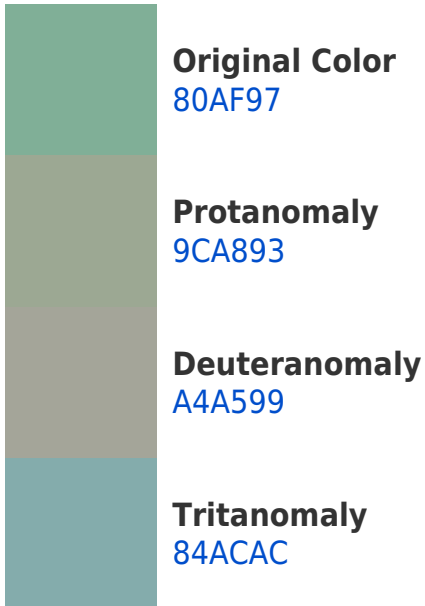
Dichromacy



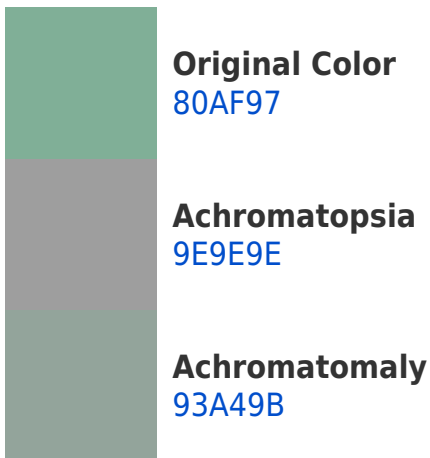


Tritanopia
87AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80AF97 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 #80AF97 looks like.

```
.text, #text, p{  
    color:#80AF97  
}
```

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 #80AF97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80AF97
}
```

Border

The CSS property to change the border of an element to Hex 80AF97 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
#80AF97 }
```

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

```
.border{ border-color:#80AF97 }
```

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

Here you see how a box with a 4 pixel #80AF97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80AF97; -webkit-box-shadow:4px 4px  
4px 4px #80AF97; box-shadow:4px 4px 4px  
4px #80AF97 }
```

Background

The CSS property to change the background color of an element to Hex 80AF97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80AF97 }
```

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

```
.background{ background-color:#80AF97 }
```

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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