

Converting Colors

Hex(87B0A7)

Have a look what the booklet for
Hex(87B0A7) contains.

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Color

Hex(87B0A7)

Conversions

Conversions Part 1

Format	Color
Hex	87B0A7
RGB	135, 176, 167
RGB Percent	53%, 69%, 65%
CMY	0.4706, 0.3098, 0.3451
CMYK	0.23, 0.00, 0.05, 0.31
HSL	167°, 21%, 61%
HSV	167°, 23%, 69%
XYZ	32.4921, 38.9916, 42.3728
YIQ	162.7150, -21.5470, -11.4910

Conversions

Conversions Part 2

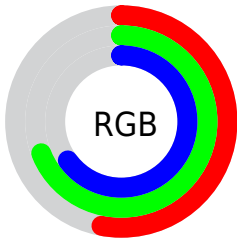
Format	Color
RYB	135, 158, 176
Decimal	8892583
CIELab	68.75, -15.67, 0.09
CIElCh	69, 15.672, 179.654
Yxy	38.9916, 0.2854, 0.3425
Android (android.graphics.Color)	4287082663 (0xFF87B0A7)
YUV	162.7150, 2.1125, -24.3061
Hunter-Lab	62.4432, -16.3940, 3.4772

Details

The Hex color **87B0A7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B08790**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BDE8DE**, and **547B73** is the 20% darker color. If you saturate the color by 10%, you get **75B0A3**, and if you desaturate by 10%, it is **99B0AB**.

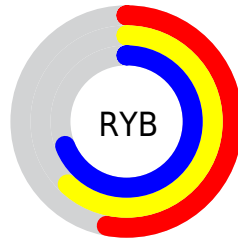
Distribution



Red (53%)

Green (69%)

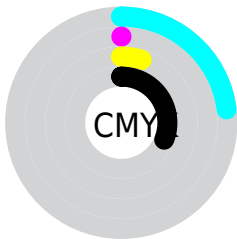
Blue (65%)



Red (53%)

Yellow (62%)

Blue (69%)

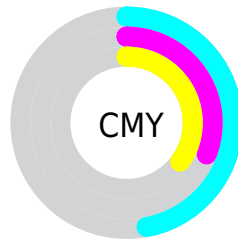


Cyan (23%)

Magenta (0%)

Yellow (5%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B0A7 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 87B0A7 by changing the saturation by 10% instead.



87B0A7



87B0A7

FFFFFF



6D958D



BDE8DE



547B73



D9FFFB



3C625B



F6FFFF



244A43



0C342D



001F18



000000



87B0A7



87B0A7



75B0A3



99B0AB

64B09F

AAB0AF

52B09B

BCB0B3

41B098

CDB0B6

2FB094

DFB0BA

1DB090

F1B0BE

0CB08C

FFB0C2

00B089

FFB0C6

FFB0CA

Harmonies

Analogous

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



94AE99



87B0A7



82B0B5

Triad

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



87B0A7



AAA4C0



BFA290

Complementary

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



87B0A7



B08790

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.



C59F9A



87B0A7



BAA0B6

Square

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



87B0A7



98A9C4



C49EA8



B3A78C

Rectangle

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



87B0A7



85AEBD



C49EA8



C2A193

Sweetspot

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



87B0A7



D5E6E2



91B087



6A7371



F2F2F2



737373

Same Dimension

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



87B0A7



A5E6D7



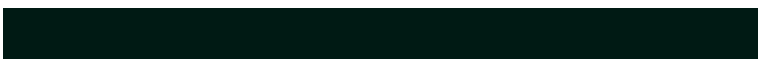
87A5B0



505957



009977



001A14

Inverse Universe

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



B08790



E6A5B3



B09287



595052



990022



1A0006

Previews

White Background



This preview shows how the Hex color 87B0A7 looks on a white background.

Color Contrast Check

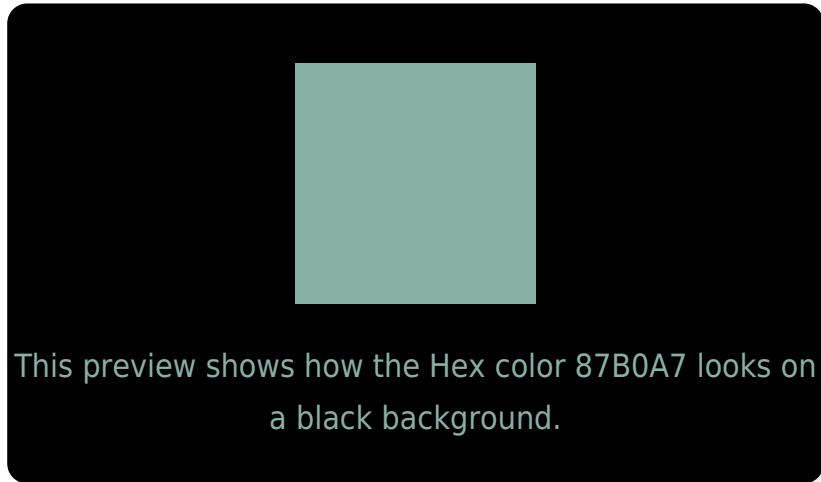
Large Text (above 18pt) WCAG AA × Fail

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

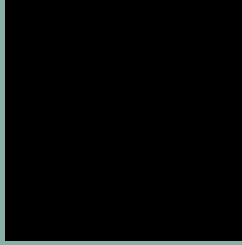
Any Text WCAG AA ✓ Pass

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 87B0A7 Background



This preview shows how black text looks on a background with the Hex color 87B0A7.



This preview shows how white text looks on a background with the Hex color 87B0A7.

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](#).

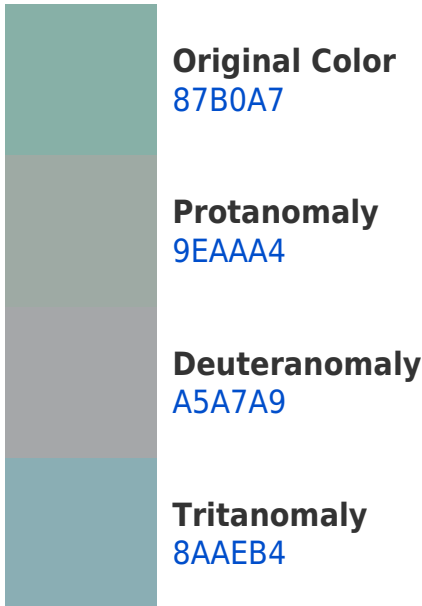
Dichromacy



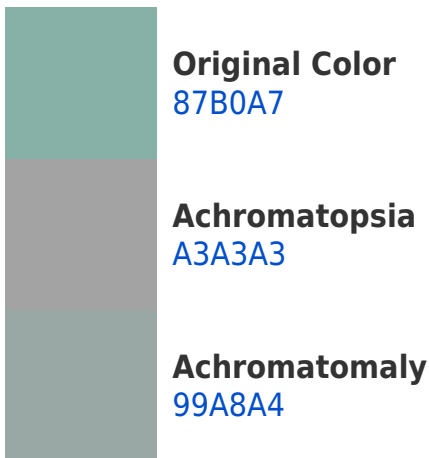


Tritanopia
8BADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B0A7 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 #87B0A7 looks like.

```
.text, #text, p{  
    color:#87B0A7  
}
```

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 #87B0A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B0A7
}
```

Border

The CSS property to change the border of an element to Hex 87B0A7 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
#87B0A7 }
```

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

```
.border{ border-color:#87B0A7 }
```

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

Here you see how a box with a 4 pixel #87B0A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B0A7; -webkit-box-shadow:4px 4px  
4px 4px #87B0A7; box-shadow:4px 4px 4px  
4px #87B0A7 }
```

Background

The CSS property to change the background color of an element to Hex 87B0A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B0A7 }
```

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

```
.background{ background-color:#87B0A7 }
```

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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