

Converting Colors

Hex(87B0A4)

Have a look what the booklet for
Hex(87B0A4) contains.

Hex(87B0A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(87B0A4)

Conversions

Conversions Part 1

Format	Color
Hex	87B0A4
RGB	135, 176, 164
RGB Percent	53%, 69%, 64%
CMY	0.4706, 0.3098, 0.3569
CMYK	0.23, 0.00, 0.07, 0.31
HSL	162°, 21%, 61%
HSV	162°, 23%, 69%
XYZ	32.2178, 38.8819, 40.9289
YIQ	162.3730, -20.5840, -12.4240

Conversions

Conversions Part 2

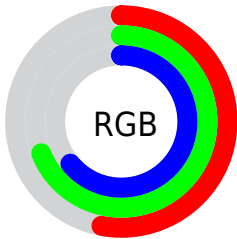
Format	Color
RYB	135, 159, 176
Decimal	8892580
CIELab	68.67, -16.32, 1.64
CIElCh	69, 16.397, 174.276
Yxy	38.8819, 0.2876, 0.3471
Android (android.graphics.Color)	4287082660 (0xFF87B0A4)
YUV	162.3730, 0.8021, -24.0061
Hunter-Lab	62.3554, -16.8942, 4.7319

Details

The Hex color **87B0A4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B08793**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BDE8DB**, and **547B70** is the 20% darker color. If you saturate the color by 10%, you get **75B09F**, and if you desaturate by 10%, it is **99B0A9**.

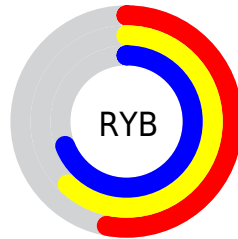
Distribution



Red (53%)

Green (69%)

Blue (64%)



Red (53%)

Yellow (62%)

Blue (69%)

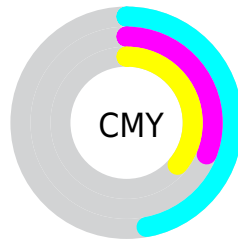


Cyan (23%)

Magenta (0%)

Yellow (7%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B0A4 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 87B0A4 by changing the saturation by 10% instead.



87B0A4



87B0A4

FFFFFF



6D958A



BDE8DB



547B70



D9FFF7



3C6258



F6FFFF



244A41



0C342B



001F16



000000



87B0A4



87B0A4



75B09F



99B0A9

 64B09A

 AAB0AE

 52B095

 BCB0B3

 41B08F

 CDB0B9

 2FB08A

 DFB0BE

 1DB085

 F1B0C3

 0CB080

 FFB0C8

 00B07C

 FFB0CD

 FFB0D2

Harmonies

Analogous

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



95AE96



87B0A4



80B0B3

Triad

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



87B0A4



A7A5C2



C2A190

Complementary

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



87B0A4



B08793

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.



C79E9C



87B0A4



B8A0B9

Square

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



87B0A4



93AAC5



C49DAB



B6A58A

Rectangle

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



87B0A4



82AFBC



C49DAB



C4A093

Sweetspot

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



87B0A4



D5E6E1



93B087



6A7370



F2F2F2



737373

Same Dimension

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



87B0A4



A5E6D3



87A8B0



505957



00996C



001A12

Inverse Universe

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



B08793



E6A5B8



B08F87



595053



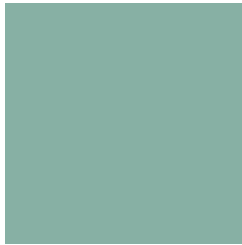
99002D



1A0007

Previews

White Background



This preview shows how the Hex color 87B0A4 looks on a white background.

Color Contrast Check

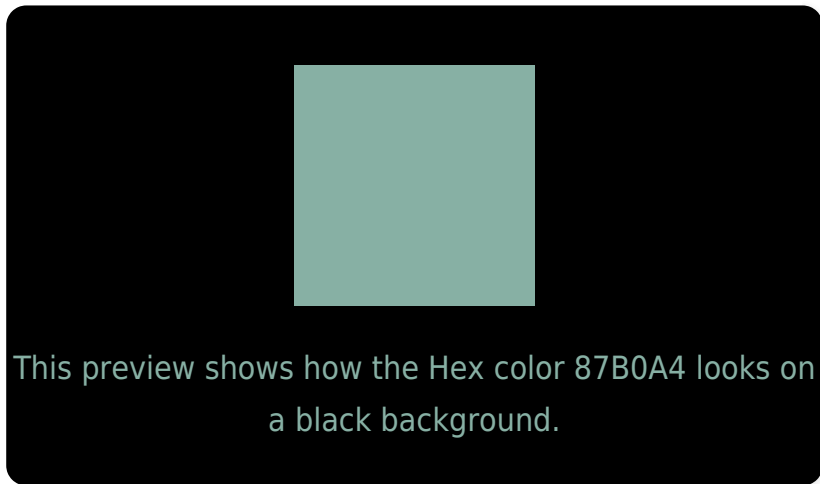
Large Text (above 18pt) WCAG AA × Fail

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

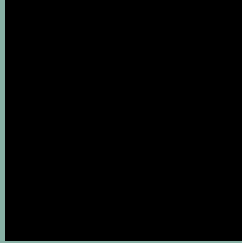
Any Text WCAG AA ✓ Pass

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 87B0A4 Background



This preview shows how black text looks on a background with the Hex color 87B0A4.

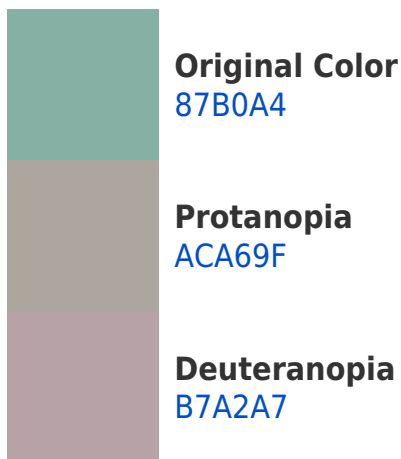


This preview shows how white text looks on a background with the Hex color 87B0A4.

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](#).

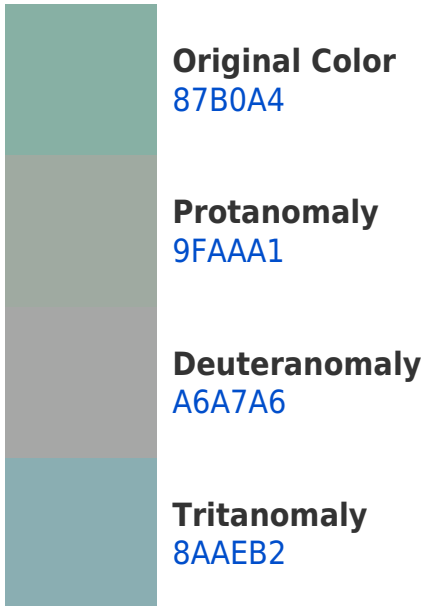
Dichromacy



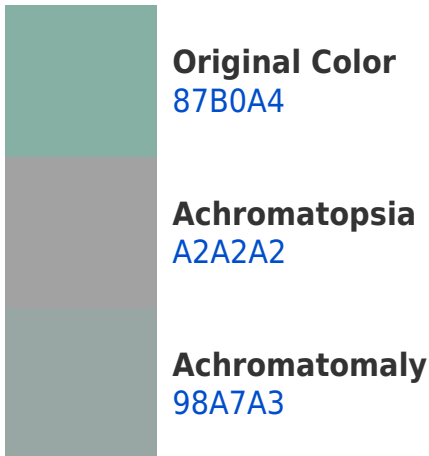


Tritanopia
8BADBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B0A4 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 #87B0A4 looks like.

```
.text, #text, p{  
    color:#87B0A4  
}
```

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 #87B0A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B0A4
}
```

Border

The CSS property to change the border of an element to Hex 87B0A4 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
#87B0A4 }
```

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

```
.border{ border-color:#87B0A4 }
```

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

Here you see how a box with a 4 pixel #87B0A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B0A4; -webkit-box-shadow:4px 4px  
4px 4px #87B0A4; box-shadow:4px 4px 4px  
4px #87B0A4 }
```

Background

The CSS property to change the background color of an element to Hex 87B0A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B0A4 }
```

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

```
.background{ background-color:#87B0A4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor