

Converting Colors

Hex(87B7A7)

Have a look what the booklet for
Hex(87B7A7) contains.

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Color

Hex(87B7A7)

Conversions

Conversions Part 1

Format	Color
Hex	87B7A7
RGB	135, 183, 167
RGB Percent	53%, 72%, 65%
CMY	0.4706, 0.2824, 0.3451
CMYK	0.26, 0.00, 0.09, 0.28
HSL	160°, 25%, 62%
HSV	160°, 26%, 72%
XYZ	33.9002, 41.8079, 42.8422
YIQ	166.8240, -23.4720, -15.1520

Conversions

Conversions Part 2

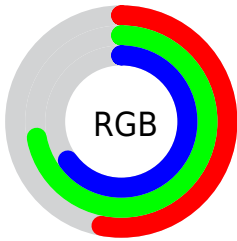
Format	Color
RYB	135, 164, 183
Decimal	8894375
CIELab	70.74, -19.28, 2.99
CIElCh	71, 19.514, 171.175
Yxy	41.8079, 0.2860, 0.3527
Android (android.graphics.Color)	4287084455 (0xFF87B7A7)
YUV	166.8240, 0.0868, -27.9096
Hunter-Lab	64.6590, -19.5672, 5.9765

Details

The Hex color **87B7A7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B78797**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **BDEFDE**, and **548273** is the 20% darker color. If you saturate the color by 10%, you get **75B7A1**, and if you desaturate by 10%, it is **99B7AD**.

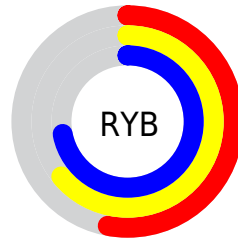
Distribution



Red (53%)

Green (72%)

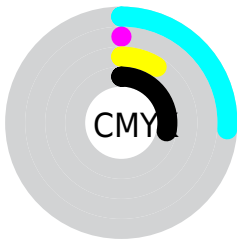
Blue (65%)



Red (53%)

Yellow (64%)

Blue (72%)

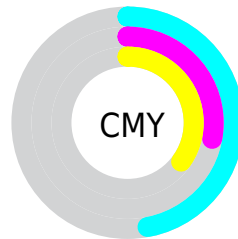


Cyan (26%)

Magenta (0%)

Yellow (9%)

Black (28%)



Cyan (47%)

Magenta (28%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B7A7 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 87B7A7 by changing the saturation by 10% instead.

 87B7A7

 87B7A7

FFFFFF

 6D9C8D

 BDEFDE

 548273

 D9FFFB

 3B695B

 F6FFFF

 235043

 08392D

 002318

 000500

 000000

 87B7A7

 87B7A7

 75B7A1

 99B7AD

 62B79B

 ACB7B3

 50B795

 BEB7B9

 3EB78F

 D0B7BF

 2CB788

 E3B7C6

 19B782

 F5B7CC

 07B77C

 FFB7D2

 00B77A

 FFB7D8

 FFB7DE

Harmonies

Analogous

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



99B496



87B7A7



7DB7B9

Triad

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



87B7A7



A9AACE



CDA592

Complementary

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



87B7A7



B78797

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.



D2A1A1



87B7A7



BFA5C3

Square

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



87B7A7



92B0D0



CEA1B3



C0AA8A

Rectangle

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



87B7A7



7EB6C4



CEA1B3



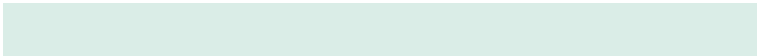
D0A396

Sweetspot

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



87B7A7



DAEDE7



97B787



6C7874



F7F7F7



787878

Same Dimension

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



87B7A7



A4EDD5



87AFB7



535C59



009C68



001C13

Inverse Universe

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



B78797



EDA4BC



B78F87



5C5356



9C0034



1C0009

Previews

White Background



This preview shows how the Hex color 87B7A7 looks on a white background.

Color Contrast Check

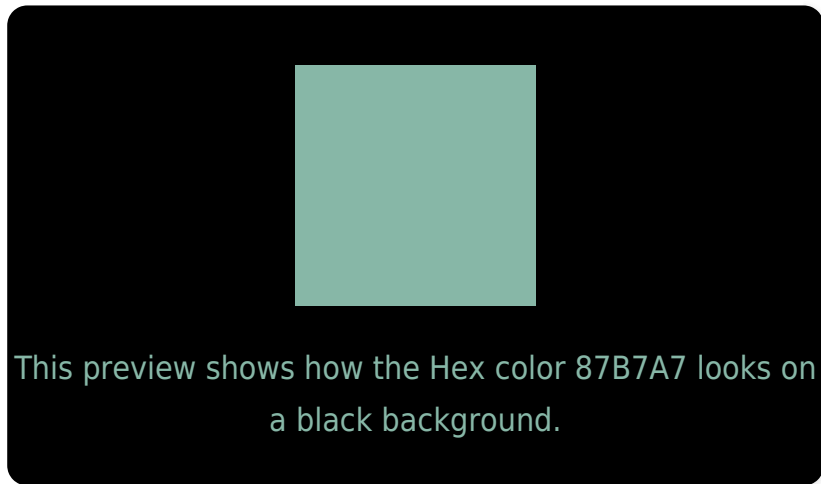
Large Text (above 18pt) WCAG AA × Fail

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

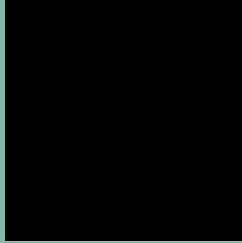
Any Text WCAG AA ✓ Pass

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 87B7A7 Background



This preview shows how black text looks on a background with the Hex color 87B7A7.

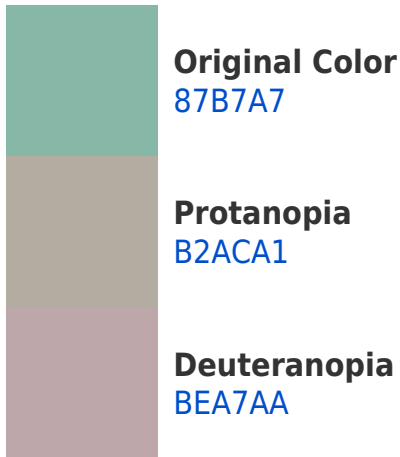


This preview shows how white text looks on a background with the Hex color 87B7A7.

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](#).

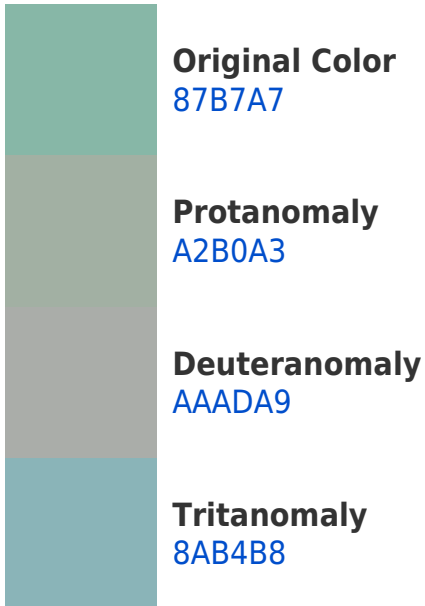
Dichromacy



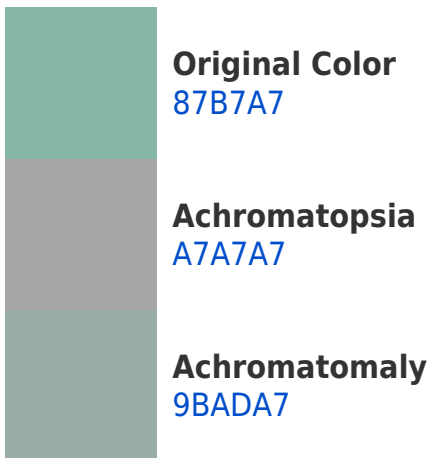


Tritanopia
8CB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B7A7 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 #87B7A7 looks like.

```
.text, #text, p{  
    color:#87B7A7  
}
```

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 #87B7A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B7A7
}
```

Border

The CSS property to change the border of an element to Hex 87B7A7 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
#87B7A7 }
```

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

```
.border{ border-color:#87B7A7 }
```

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

Here you see how a box with a 4 pixel #87B7A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B7A7; -webkit-box-shadow:4px 4px  
4px 4px #87B7A7; box-shadow:4px 4px 4px  
4px #87B7A7 }
```

Background

The CSS property to change the background color of an element to Hex 87B7A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B7A7 }
```

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

```
.background{ background-color:#87B7A7 }
```

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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