

Converting Colors

Hex(86B7A7)

Have a look what the booklet for
Hex(86B7A7) contains.

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Color

Hex(86B7A7)

Conversions

Conversions Part 1

Format	Color
Hex	86B7A7
RGB	134, 183, 167
RGB Percent	53%, 72%, 65%
CMY	0.4745, 0.2824, 0.3451
CMYK	0.27, 0.00, 0.09, 0.28
HSL	160°, 25%, 62%
HSV	160°, 27%, 72%
XYZ	33.7401, 41.7253, 42.8347
YIQ	166.5250, -24.0680, -15.3640

Conversions

Conversions Part 2

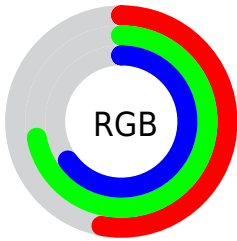
Format	Color
RYB	134, 163, 183
Decimal	8828839
CIELab	70.68, -19.60, 2.90
CIELCh	71, 19.810, 171.571
Yxy	41.7253, 0.2852, 0.3527
Android (android.graphics.Color)	4287018919 (0xFF86B7A7)
YUV	166.5250, 0.2342, -28.5244
Hunter-Lab	64.5951, -19.8054, 5.8999

Details

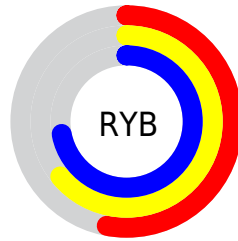
The Hex color **86B7A7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B78696**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **BCEFDE**, and **538273** is the 20% darker color. If you saturate the color by 10%, you get **74B7A1**, and if you desaturate by 10%, it is **98B7AD**.

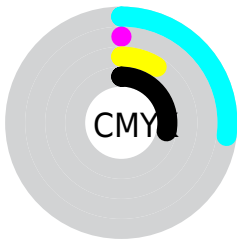
Distribution



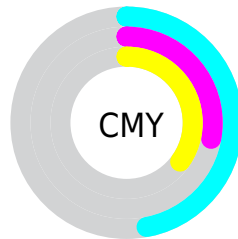
- Red (53%)
- Green (72%)
- Blue (65%)



- Red (53%)
- Yellow (64%)
- Blue (72%)



- Cyan (27%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)



- Cyan (47%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B7A7 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 86B7A7 by changing the saturation by 10% instead.

 86B7A7

 86B7A7

FFFFFF

 6C9C8D

 BCEFDE

 538273

 D8FFFB

 3A695B

 F5FFFF

 225043

 06392D

 002318

 000500

 000000

 86B7A7

 86B7A7

 74B7A1

 98B7AD

 61B79B

 ABB7B3

 4FB795

 BDB7B9

 3DB78F

 CFB7BF

 2BB789

 E2B7C5

 18B783

 F4B7CB

 06B77D

 FFB7D1

 00B77B

 FFB7D7

 FFB7DD

Harmonies

Analogous

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



98B496



86B7A7



7CB7B9

Triad

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



86B7A7



AAAACE



CDA491

Complementary

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



86B7A7



B78696

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.



D3A1A0



86B7A7



BFA4C3

Square

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



86B7A7



92B0D0



CEA1B3



C0AA8A

Rectangle

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



86B7A7



7DB6C4



CEA1B3



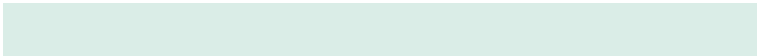
D0A396

Sweetspot

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



86B7A7



DAEDE7



96B786



6C7874



F7F7F7



787878

Same Dimension

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



86B7A7



A1EDD4



86AFB7



535C59



009C69



001C13

Inverse Universe

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



B78696



EDA1BA



B78E86



5C5356



9C0033



1C0009

Previews

White Background



This preview shows how the Hex color 86B7A7 looks on a white background.

Color Contrast Check

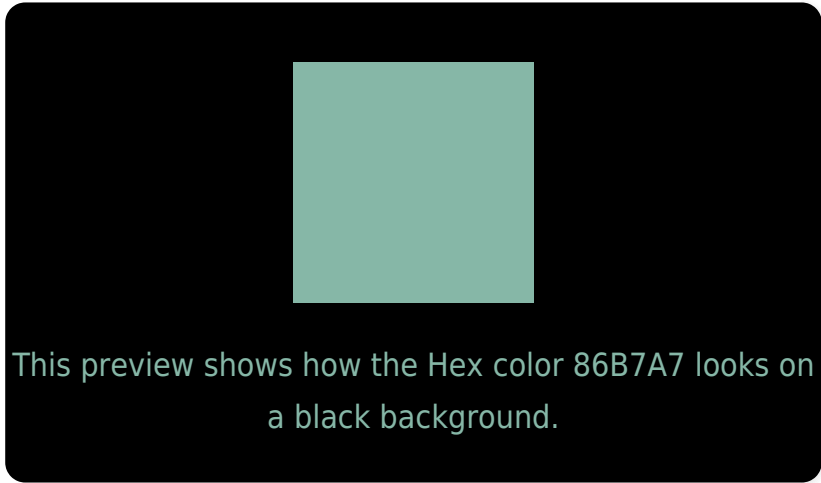
Large Text (above 18pt) WCAG AA × Fail

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

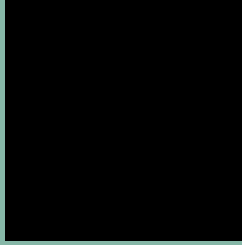
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

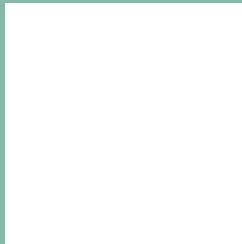
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 86B7A7 Background



This preview shows how black text looks on a background with the Hex color 86B7A7.

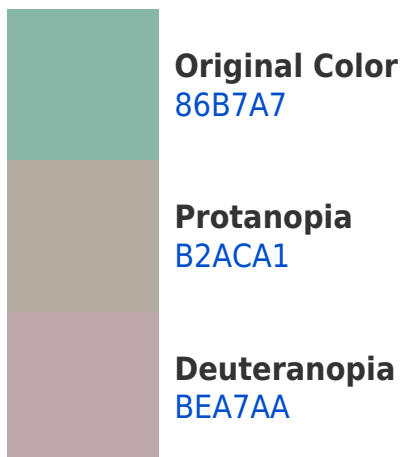


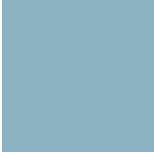
This preview shows how white text looks on a background with the Hex color 86B7A7.

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](#).

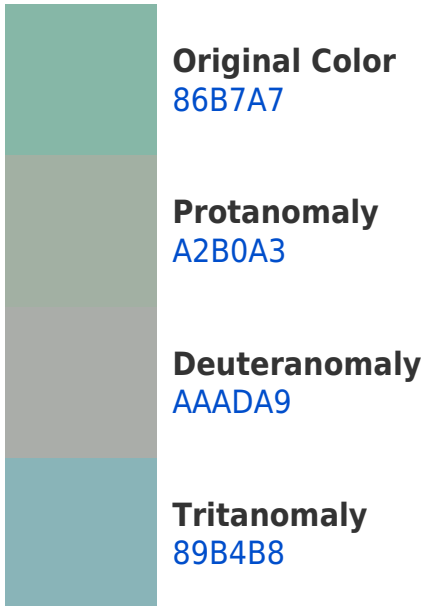
Dichromacy



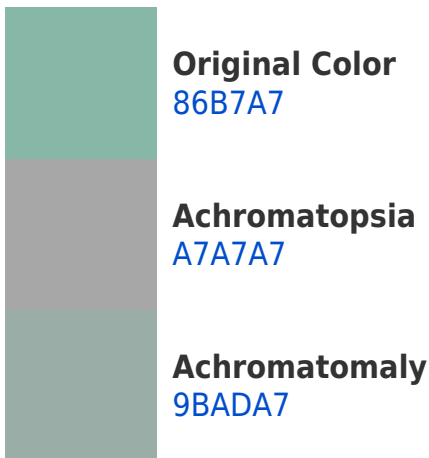


Tritanopia
8BB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B7A7 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 #86B7A7 looks like.

```
.text, #text, p{  
    color:#86B7A7  
}
```

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 #86B7A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B7A7
}
```

Border

The CSS property to change the border of an element to Hex 86B7A7 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
#86B7A7 }
```

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

```
.border{ border-color:#86B7A7 }
```

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

Here you see how a box with a 4 pixel #86B7A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B7A7; -webkit-box-shadow:4px 4px  
4px 4px #86B7A7; box-shadow:4px 4px 4px  
4px #86B7A7 }
```

Background

The CSS property to change the background color of an element to Hex 86B7A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B7A7 }
```

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

```
.background{ background-color:#86B7A7 }
```

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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