

# Converting Colors

Hex(87C6AE)

Have a look what the booklet for  
Hex(87C6AE) contains.

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# **Color**

**Hex(87C6AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87C6AE
RGB	135, 198, 174
RGB Percent	53%, 78%, 68%
CMY	0.4706, 0.2235, 0.3176
CMYK	0.32, 0.00, 0.12, 0.22
HSL	157°, 36%, 65%
HSV	157°, 32%, 78%
XYZ	37.8257, 48.5951, 47.4306
YIQ	176.4270, -29.8440, -20.8200

# Conversions

## Conversions Part 2

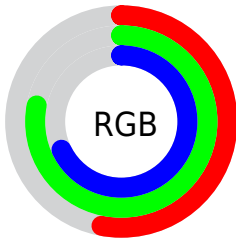
Format	Color
<a href="#">RYB</a>	<a href="#">135, 174, 198</a>
Decimal	<a href="#">8898222</a>
CIELab	<a href="#">75.20, -25.32, 5.63</a>
CIELCh	<a href="#">75, 25.937, 167.467</a>
Yxy	<a href="#">48.5951, 0.2826, 0.3631</a>
Android (android.graphics.Color)	<a href="#">4287088302</a> ( <a href="#">0xFF87C6AE</a> )
YUV	<a href="#">176.4270, -1.1965, -36.3315</a>
Hunter-Lab	<a href="#">69.7102, -25.1361, 8.4564</a>

# Details

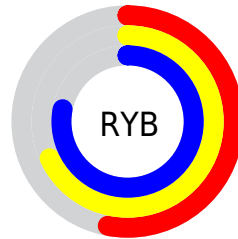
The Hex color **87C6AE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C6879F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BEFFE5**, and **53907A** is the 20% darker color. If you saturate the color by 10%, you get **73C6A6**, and if you desaturate by 10%, it is **9BC6B6**.

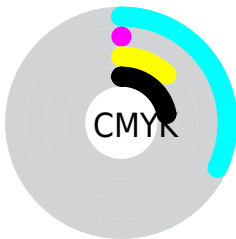
# Distribution



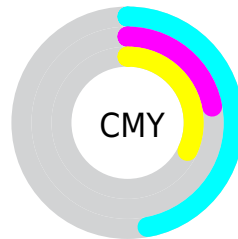
- Red (53%)
- Green (78%)
- Blue (68%)



- Red (53%)
- Yellow (68%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (47%)
- Magenta (22%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87C6AE 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 87C6AE by changing the saturation by 10% instead.



 87C6AE

 87C6AE

FFFFFF

 6DAB93

 BEFFE5

 53907A

 DAFFFF

 397661

 F7FFFF

 1E5D49

 004533

 002E1E

 001B04

 000000

 87C6AE

 87C6AE

 73C6A6

 9BC6B6

 5FC69F

 AFC6BD

 4CC697

 C2C6C5

 38C690

 D6C6CC

 24C688

 EAC6D4

 10C681

 FEC6DB

 00C67B

 FFC6E3

 FFC6EA

 FFC6F2

# Harmonies

## Analogous

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



A1C298



87C6AE



76C7C7

# Triad

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



87C6AE



B0B7E6



E5AD97

# Complementary

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



87C6AE



C6879F

# 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.



EAA8AC



87C6AE



CEAEDA

# Square

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



87C6AE



8FBEE7



E3A9C4



D4B48B

# Rectangle

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



87C6AE



74C5D5



E3A9C4



E8AB9D

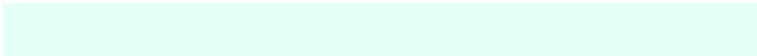


# Sweetspot

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



87C6AE



E6FFF5



9FC687



70807A



000000



808080

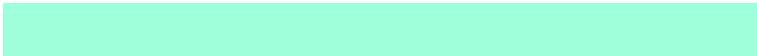


# Same Dimension

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



87C6AE



9EFFDA



87BFC6



5A6360



00A365



002416



# Inverse Universe

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



C6879F



FF9EC3



C68E87



635A5D



A3003E

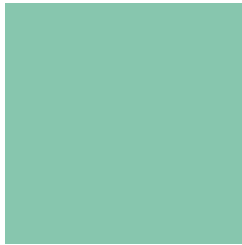


24000E



# Previews

## White Background



This preview shows how the Hex color 87C6AE looks on a white background.

## Color Contrast Check

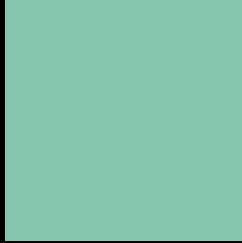
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 87C6AE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

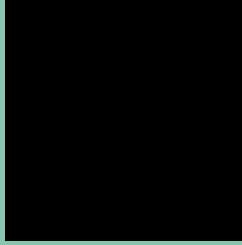
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 87C6AE Background



This preview shows how black text looks on a background with the Hex color 87C6AE.

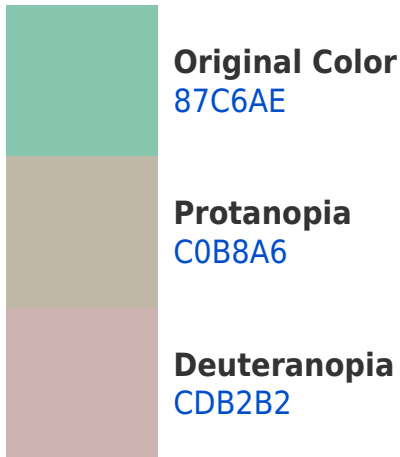


This preview shows how white text looks on a background with the Hex color 87C6AE.

# 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](#).

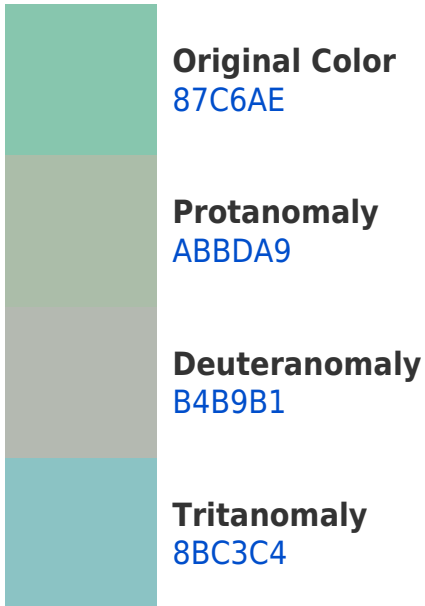
## Dichromacy



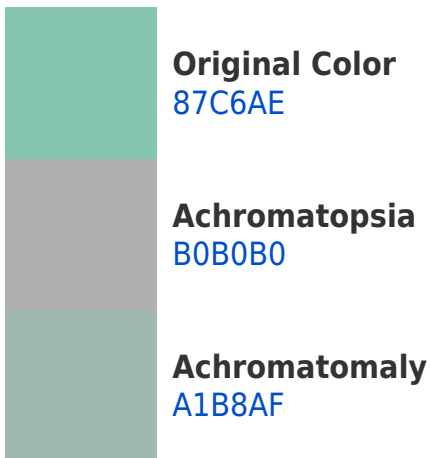


**Tritanopia**  
8EC1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87C6AE 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 #87C6AE looks like.

```
.text, #text, p{  
    color:#87C6AE  
}
```

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 #87C6AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C6AE
}
```

## Border

The CSS property to change the border of an element to Hex 87C6AE 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
#87C6AE }
```

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

```
.border{ border-color:#87C6AE }
```

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

Here you see how a box with a 4 pixel #87C6AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C6AE; -webkit-box-shadow:4px 4px  
4px 4px #87C6AE; box-shadow:4px 4px 4px  
4px #87C6AE }
```

# Background

The CSS property to change the background color of an element to Hex 87C6AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C6AE }
```

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

```
.background{ background-color:#87C6AE }
```

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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