

# Converting Colors

Hex(87C6BA)

Have a look what the booklet for  
Hex(87C6BA) contains.

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**Color**

**Hex(87C6BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87C6BA
RGB	135, 198, 186
RGB Percent	53%, 78%, 73%
CMY	0.4706, 0.2235, 0.2706
CMYK	0.32, 0.00, 0.06, 0.22
HSL	169°, 36%, 65%
HSV	169°, 32%, 78%
XYZ	39.0487, 49.0842, 53.8705
YIQ	177.7950, -33.6960, -17.0880

# Conversions

## Conversions Part 2

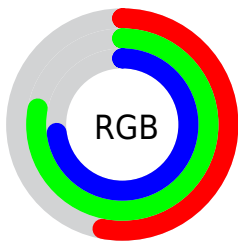
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 170, 198</a>
Decimal	<a href="#">8898234</a>
CIELab	<a href="#">75.50, -22.71, -0.42</a>
CIELCh	<a href="#">76, 22.716, 181.055</a>
Yxy	<a href="#">49.0842, 0.2750, 0.3457</a>
Android (android.graphics.Color)	<a href="#">4287088314 (0xFF87C6BA)</a>
YUV	<a href="#">177.7950, 4.0451, -37.5312</a>
Hunter-Lab	<a href="#">70.0601, -23.1166, 3.4530</a>

# Details

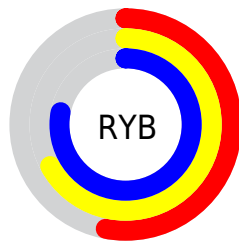
The Hex color **87C6BA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C68793**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BEFFF2**, and **529085** is the 20% darker color. If you saturate the color by 10%, you get **73C6B6**, and if you desaturate by 10%, it is **9BC6BE**.

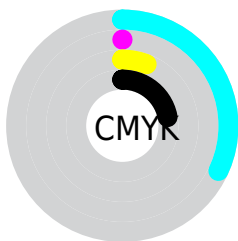
# Distribution



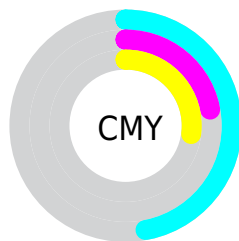
- Red (53%)
- Green (78%)
- Blue (73%)



- Red (53%)
- Yellow (67%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (47%)
- Magenta (22%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87C6BA 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 87C6BA by changing the saturation by 10% instead.



 87C6BA

 87C6BA

FFFFFF

 6CAB9F

 BEFFF2

 529085

 DAFFFF

 38766C

 F8FFFF

 1D5D54

 00453C

 002E27

 001C12

 000000

 87C6BA

 87C6BA

 73C6B6

 9BC6BE

 5FC6B2

 AFC6C2

 4CC6AF

 C2C6C5

 38C6AB

 D6C6C9

 24C6A7

 EAC6CD

 10C6A3

 FEC6D1

 00C6A0

 FFC6D4

 FFC6D8

 FFC6DC

# Harmonies

## Analogous

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



9BC4A5



87C6BA



7FC5CF

# Triad

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



87C6BA



BFB4DE



DBB296

# Complementary

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



87C6BA



C68793

# 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.



E5ADA5



87C6BA



D6AECF

# Square

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



87C6BA



A2BCE3



E3ABBA



C9B990

# Rectangle

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



87C6BA



84C3DA



E3ABBA



DFB09A

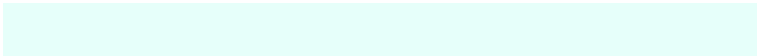


# Sweetspot

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



87C6BA



E6FFFA



94C687



70807D



000000



808080



# Same Dimension

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



87C6BA



9EFFED



87B3C6



5A6362



00A384



00241D



# Inverse Universe

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



C68793



FF9EB1



C69A87



635A5B



A3001F

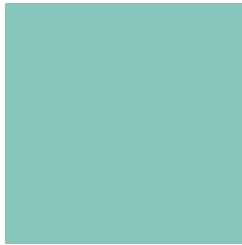


240007



# Previews

## White Background



This preview shows how the Hex color 87C6BA looks on a white background.

## Color Contrast Check

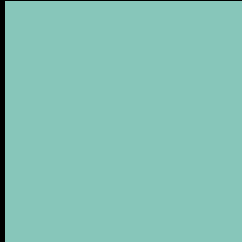
Large Text (above 18pt) WCAG AA × Fail

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 87C6BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

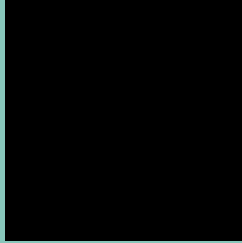
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

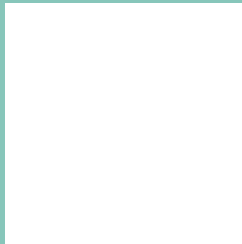
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 87C6BA Background



This preview shows how black text looks on a background with the Hex color 87C6BA.



This preview shows how white text looks on a background with the Hex color 87C6BA.

# 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](#).

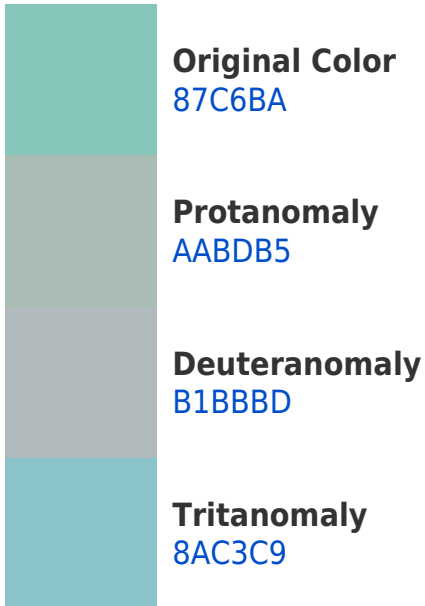
## Dichromacy



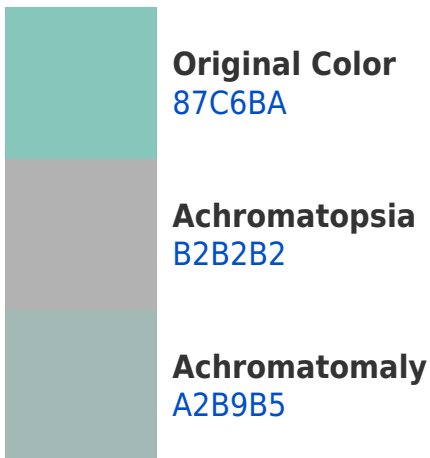


**Tritanopia**  
8CC2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87C6BA 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 #87C6BA looks like.

```
.text, #text, p{  
    color:#87C6BA  
}
```

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 #87C6BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C6BA
}
```

## Border

The CSS property to change the border of an element to Hex 87C6BA 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
#87C6BA }
```

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

```
.border{ border-color:#87C6BA }
```

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

Here you see how a box with a 4 pixel #87C6BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C6BA; -webkit-box-shadow:4px 4px  
4px 4px #87C6BA; box-shadow:4px 4px 4px  
4px #87C6BA }
```

# Background

The CSS property to change the background color of an element to Hex 87C6BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C6BA }
```

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

```
.background{ background-color:#87C6BA }
```

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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