

# Converting Colors

Hex(86A8A7)

Have a look what the booklet for  
Hex(86A8A7) contains.

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# **Color**

**Hex(86A8A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A8A7
RGB	134, 168, 167
RGB Percent	53%, 66%, 65%
CMY	0.4745, 0.3412, 0.3451
CMYK	0.20, 0.00, 0.01, 0.34
HSL	178°, 16%, 59%
HSV	178°, 20%, 66%
XYZ	30.8092, 35.8636, 41.8578
YIQ	157.7200, -19.9430, -7.5190

# Conversions

## Conversions Part 2

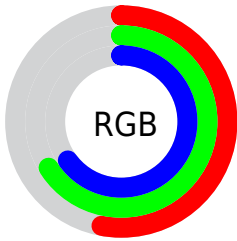
Format	Color
<a href="#">RYB</a>	<a href="#">134, 151, 168</a>
Decimal	<a href="#">8824999</a>
CIELab	<a href="#">66.42, -11.77, -3.33</a>
CIElCh	<a href="#">66, 12.235, 195.784</a>
Yxy	<a href="#">35.8636, 0.2839, 0.3304</a>
Android (android.graphics.Color)	<a href="#">4287015079</a> ( <a href="#">0xFF86A8A7</a> )
YUV	<a href="#">157.7200, 4.5750, -20.8024</a>
Hunter-Lab	<a href="#">59.8862, -12.9694, 0.4793</a>

# Details

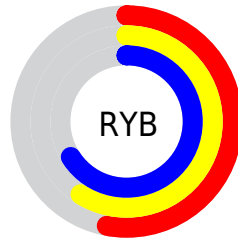
The Hex color **86A8A7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A88687**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BCDFDE**, and **537473** is the 20% darker color. If you saturate the color by 10%, you get **75A8A7**, and if you desaturate by 10%, it is **97A8A7**.

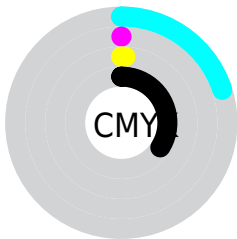
# Distribution



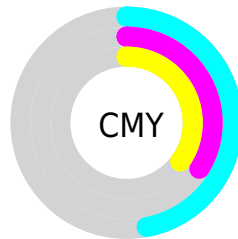
- Red (53%)
- Green (66%)
- Blue (65%)



- Red (53%)
- Yellow (59%)
- Blue (66%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (47%)
- Magenta (34%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A8A7 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 86A8A7 by changing the saturation by 10% instead.





86A8A7



86A8A7

FFFFFF



6C8E8D



BCDFDE



537473



D8FCFB



3B5B5B



F4FFFF



244443



0D2D2D



001918



000000



86A8A7



86A8A7



75A8A7



97A8A7

64A8A6

A8A8A8

54A8A6

B8A8A8

43A8A5

C9A8A9

32A8A5

DAA8A9

21A8A4

EBA8AA

10A8A4

FCA8AA

00A8A3

FFA8AB

# Harmonies

## Analogous

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



8CA89C



86A8A7



87A7B1

# Triad

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



86A8A7



AB9DB1



B09F8C

# Complementary

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



86A8A7



A88687

# 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.



B79C92



86A8A7



B59BA7

# Square

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



86A8A7



9DA0B6



B99A9C



A4A38C

# Rectangle

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



86A8A7



8CA5B5



B99A9C



B39E8E



# Sweetspot

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



86A8A7



CEDBDB



87A886



666E6D



EDEDED



6E6E6E



# Same Dimension

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



86A8A7



A7DBDA



8698A8



4C5454



009490



001414



# Inverse Universe

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



A88687



DBA7A8



A89686



544C4C



940004



140001



# Previews

## White Background



This preview shows how the Hex color 86A8A7 looks on a white background.

## Color Contrast Check

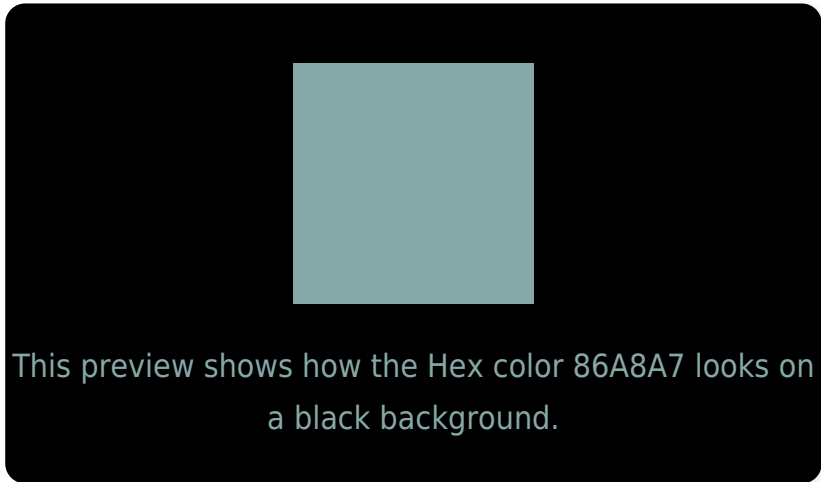
Large Text (above 18pt) WCAG AA × Fail

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

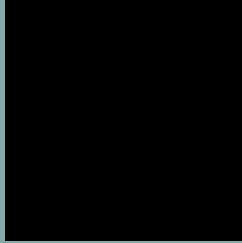
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86A8A7 Background



This preview shows how black text looks on a background with the Hex color 86A8A7.

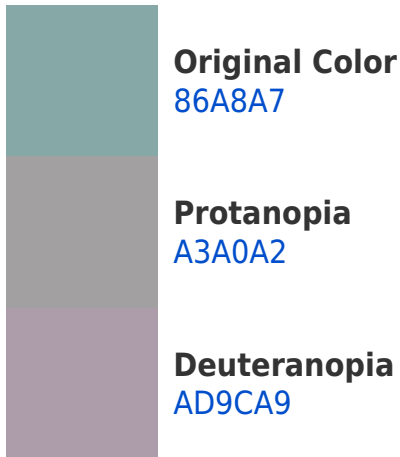


This preview shows how white text looks on a background with the Hex color 86A8A7.

# 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](#).

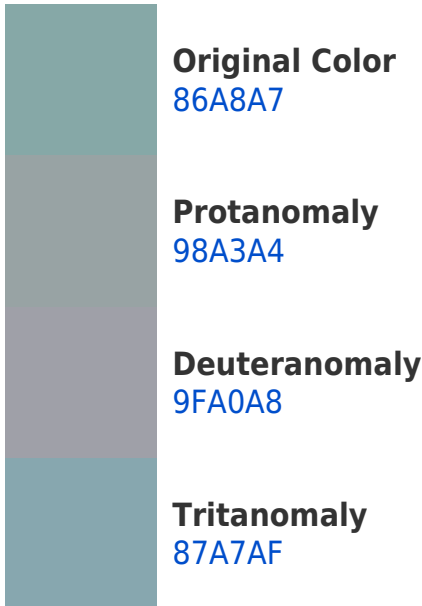
## Dichromacy



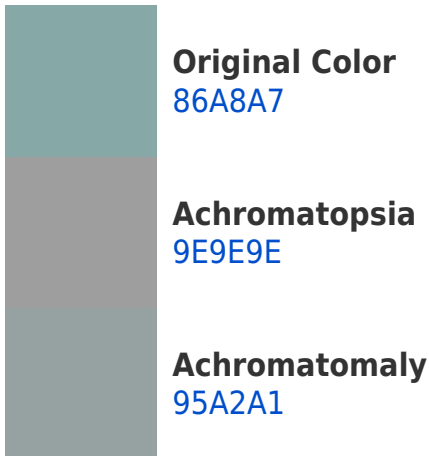


**Tritanopia**  
88A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A8A7 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 #86A8A7 looks like.

```
.text, #text, p{  
    color:#86A8A7  
}
```

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 #86A8A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A8A7
}
```

## Border

The CSS property to change the border of an element to Hex 86A8A7 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
#86A8A7 }
```

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

```
.border{ border-color:#86A8A7 }
```

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

Here you see how a box with a 4 pixel #86A8A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A8A7; -webkit-box-shadow:4px 4px  
4px 4px #86A8A7; box-shadow:4px 4px 4px  
4px #86A8A7 }
```

# Background

The CSS property to change the background color of an element to Hex 86A8A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A8A7 }
```

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

```
.background{ background-color:#86A8A7 }
```

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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