

# Converting Colors

Hex(86AA7F)

Have a look what the booklet for  
Hex(86AA7F) contains.

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# **Color**

**Hex(86AA7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86AA7F
RGB	134, 170, 127
RGB Percent	53%, 67%, 50%
CMY	0.4745, 0.3333, 0.5020
CMYK	0.21, 0.00, 0.25, 0.33
HSL	110°, 20%, 58%
HSV	110°, 25%, 67%
XYZ	28.0370, 35.3501, 25.4242
YIQ	154.3340, -7.6530, -21.0050

# Conversions

## Conversions Part 2

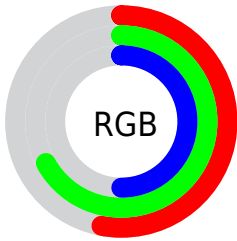
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 170, 163</a>
Decimal	<a href="#">8825471</a>
CIELab	<a href="#">66.02, -20.70, 18.26</a>
CIELCh	<a href="#">66, 27.599, 138.583</a>
Yxy	<a href="#">35.3501, 0.3157, 0.3980</a>
Android (android.graphics.Color)	<a href="#">4287015551 (0xFF86AA7F)</a>
YUV	<a href="#">154.3340, -13.4757, -17.8329</a>
Hunter-Lab	<a href="#">59.4559, -19.8745, 16.2659</a>

# Details

The Hex color **86AA7F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A37FAA**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BCE1B4**, and **53764E** is the 20% darker color. If you saturate the color by 10%, you get **78AA6E**, and if you desaturate by 10%, it is **94AA90**.

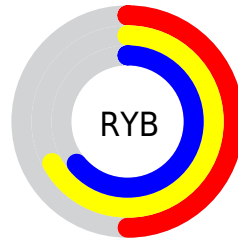
# Distribution



Red (53%)

Green (67%)

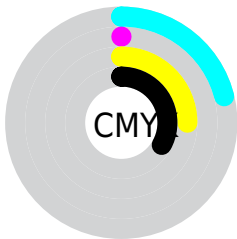
Blue (50%)



Red (50%)

Yellow (67%)

Blue (64%)

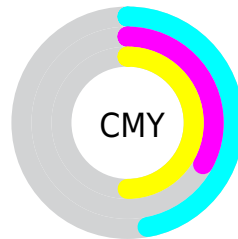


Cyan (21%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86AA7F 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 86AA7F by changing the saturation by 10% instead.



■ 86AA7F

FFFFFF

■ BCE1B4

■ D8FED0

■ F4FFEC

■ 86AA7F

■ 6C8F66

■ 53764E

■ 3B5D37

■ 244521

■ 0D2E0B

■ 001B00

■ 000000

■ 86AA7F

■ 78AA6E

■ 86AA7F

■ 94AA90

6AAA5D

A2AAA1

5BAA4C

B1AAB2

4DAA3B

BFAAC3

3FAA2A

CDAAD4

31AA19

DBAAE5

22AA08

EAAAF6

1CAA00

F8AAFF

FFAAFF

# Harmonies

## Analogous

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



A2A471



86AA7F



6AAE96

# Triad

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



86AA7F



73A6D0



D28F92

# Complementary

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



86AA7F



A37FAA

# 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.



CB8FAB



86AA7F



979DCF

# Square

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



86AA7F



57ABC5



B795C1



CC947C

# Rectangle

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



86AA7F



5AAEA7



B795C1



D28E9A



# Sweetspot

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



86AA7F



CFDECC



AAA37F



677065



F0F0F0



707070



# Same Dimension

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



86AA7F



A6DE9B



7FAA8D



4D544C



189400



031400



# Inverse Universe

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



A37FAA



D39BDE



AA7F9C



534C54



7C0094



110014



# Previews

## White Background



This preview shows how the Hex color 86AA7F looks on a white background.

## Color Contrast Check

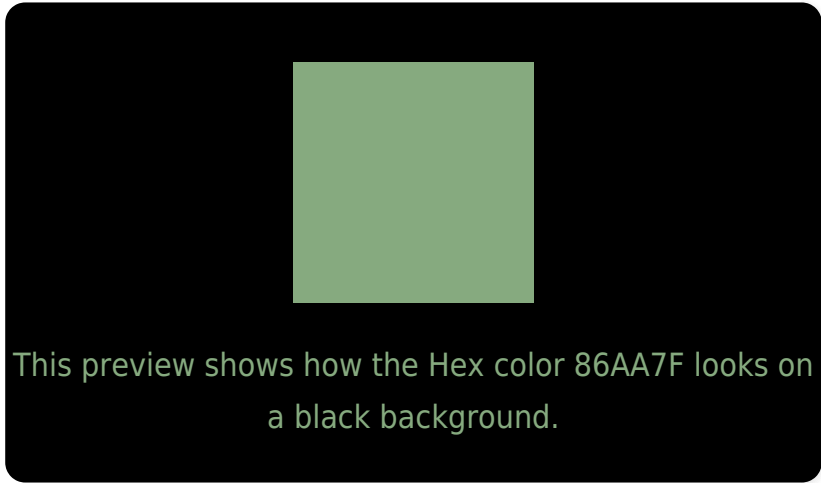
Large Text (above 18pt) WCAG AA × Fail

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

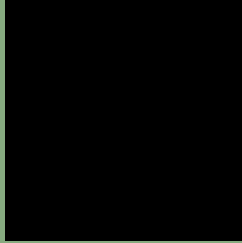
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86AA7F Background



This preview shows how black text looks on a background with the Hex color 86AA7F.

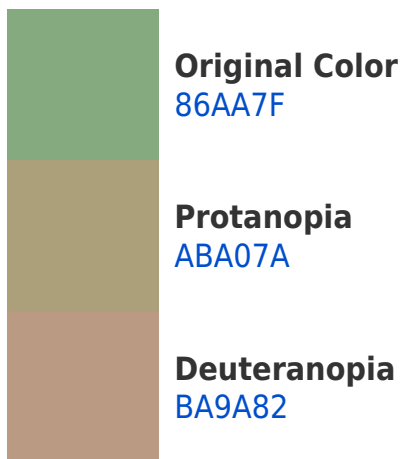


This preview shows how white text looks on a background with the Hex color 86AA7F.

# 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](#).

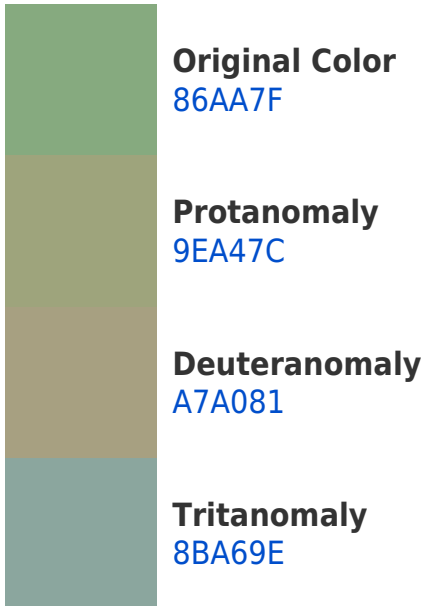
## Dichromacy



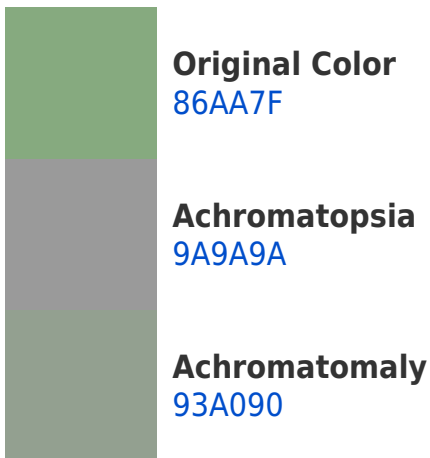


**Tritanopia**  
8EA3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86AA7F 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 #86AA7F looks like.

```
.text, #text, p{  
    color:#86AA7F  
}
```

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 #86AA7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86AA7F  
}
```

## Border

The CSS property to change the border of an element to Hex 86AA7F 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  
#86AA7F }
```

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

```
.border{ border-color:#86AA7F }
```

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

Here you see how a box with a 4 pixel #86AA7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86AA7F; -webkit-box-shadow:4px 4px  
4px 4px #86AA7F; box-shadow:4px 4px 4px  
4px #86AA7F }
```

# Background

The CSS property to change the background color of an element to Hex 86AA7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86AA7F }
```

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

```
.background{ background-color:#86AA7F }
```

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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