

# Converting Colors

Hex(85A87B)

Have a look what the booklet for  
Hex(85A87B) contains.

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# **Color**

**Hex(85A87B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85A87B
RGB	133, 168, 123
RGB Percent	52%, 66%, 48%
CMY	0.4784, 0.3412, 0.5176
CMYK	0.21, 0.00, 0.27, 0.34
HSL	107°, 21%, 57%
HSV	107°, 27%, 66%
XYZ	27.2506, 34.4219, 23.9467
YIQ	152.4050, -6.4150, -21.4150

# Conversions

## Conversions Part 2

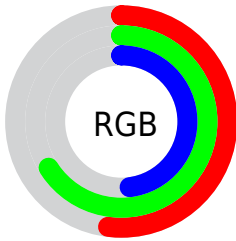
Format	Color
<a href="#">RYB</a>	<a href="#">123, 168, 158</a>
Decimal	<a href="#">8759419</a>
CIELab	<a href="#">65.30, -20.72, 19.44</a>
CIELCh	<a href="#">65, 28.410, 136.817</a>
Yxy	<a href="#">34.4219, 0.3183, 0.4020</a>
Android (android.graphics.Color)	<a href="#">4286949499 (0xFF85A87B)</a>
YUV	<a href="#">152.4050, -14.4967, -17.0182</a>
Hunter-Lab	<a href="#">58.6702, -19.7645, 16.8694</a>

# Details

The Hex color **85A87B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9E7BA8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BBDfB0**, and **52744A** is the 20% darker color. If you saturate the color by 10%, you get **78A86A**, and if you desaturate by 10%, it is **92A88C**.

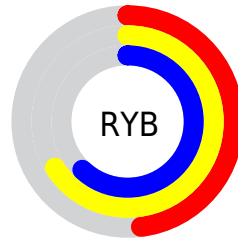
# Distribution



Red (52%)

Green (66%)

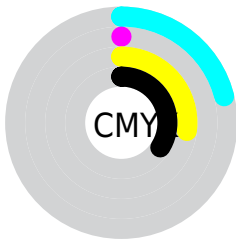
Blue (48%)



Red (48%)

Yellow (66%)

Blue (62%)

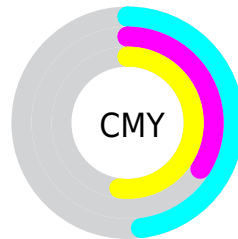


Cyan (21%)

Magenta (0%)

Yellow (27%)

Black (34%)



Cyan (48%)

Magenta (34%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85A87B 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 85A87B by changing the saturation by 10% instead.





85A87B



85A87B

FFFFFF



6B8D62



BBD FB0



52744A



D7 FCCB



3B5B33



F3 FFE7



23431D



0D2D06



001A00



000000



85A87B



85A87B



78A86A



92A88C

 6BA859

 9FA89D

 5EA849

 ACA8AD

 51A838

 B9A8BE

 44A827

 C6A8CF

 37A816

 D3A8E0

 2AA805

 E0A8F1

 25A800

 EEA8FF

 FBA8FF

# Harmonies

## Analogous

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



A2A16D



85A87B



68AC92

# Triad

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



85A87B



6DA4CF



D28C91

# Complementary

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



85A87B



9E7BA8

# 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.



CA8DAB



85A87B



929CCF

# Square

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



85A87B



51AAC3



B493C1



CC917B

# Rectangle

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



85A87B



57ADA4



B493C1



D18C9A



# Sweetspot

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



85A87B



CEDBCA



A89D7B



656E63



EDEDED



6E6E6E



# Same Dimension

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



85A87B



A5DB95



7BA887



4E544C



219400



051400



# Inverse Universe

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



9E7BA8



CC95DB



A87B9C



524C54



730094



100014



# Previews

## White Background



This preview shows how the Hex color 85A87B looks on a white background.

## Color Contrast Check

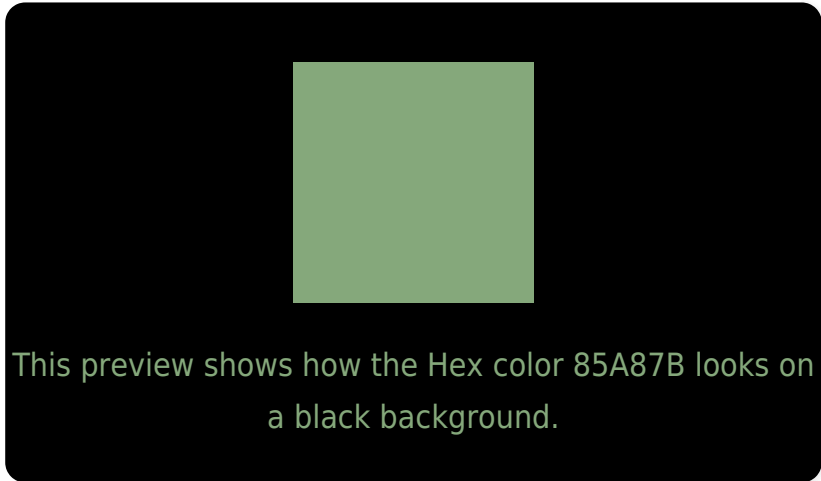
Large Text (above 18pt) WCAG AA × Fail

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

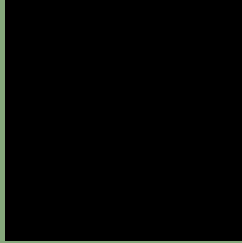
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85A87B Background



This preview shows how black text looks on a background with the Hex color 85A87B.



This preview shows how white text looks on a background with the Hex color 85A87B.

# 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](#).

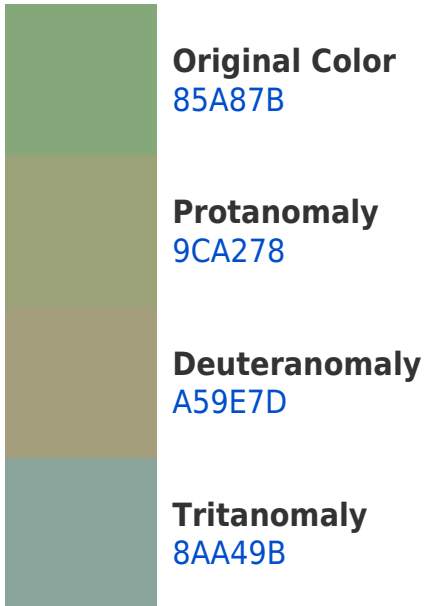
## Dichromacy



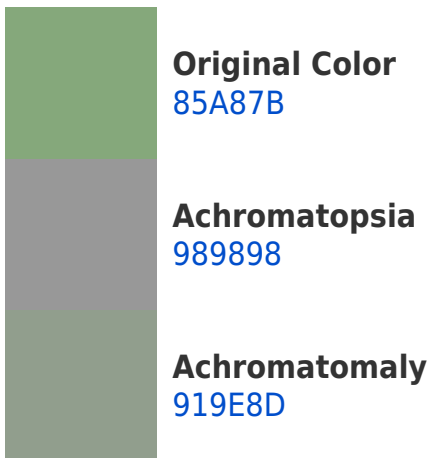


**Tritanopia**  
8DA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85A87B 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 #85A87B looks like.

```
.text, #text, p{  
    color:#85A87B  
}
```

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 #85A87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A87B
}
```

## Border

The CSS property to change the border of an element to Hex 85A87B 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
#85A87B }
```

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

```
.border{ border-color:#85A87B }
```

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

Here you see how a box with a 4 pixel #85A87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A87B; -webkit-box-shadow:4px 4px  
4px 4px #85A87B; box-shadow:4px 4px 4px  
4px #85A87B }
```

# Background

The CSS property to change the background color of an element to Hex 85A87B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A87B }
```

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

```
.background{ background-color:#85A87B }
```

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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