

Converting Colors

Hex(86C887)

Have a look what the booklet for
Hex(86C887) contains.

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Color

Hex(86C887)

Conversions

Conversions Part 1

Format	Color
Hex	86C887
RGB	134, 200, 135
RGB Percent	53%, 78%, 53%
CMY	0.4745, 0.2157, 0.4706
CMYK	0.33, 0.00, 0.32, 0.22
HSL	121°, 37%, 65%
HSV	121°, 33%, 78%
XYZ	34.8590, 48.1262, 30.3737
YIQ	172.8560, -18.4710, -34.2070

Conversions

Conversions Part 2

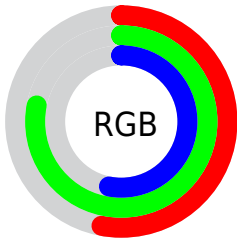
Format	Color
RYB	134, 199, 200
Decimal	8833159
CIELab	74.90, -33.93, 26.05
CIELCh	75, 42.777, 142.482
Yxy	48.1262, 0.3075, 0.4245
Android (android.graphics.Color)	4287023239 (0xFF86C887)
YUV	172.8560, -18.6630, -34.0767
Hunter-Lab	69.3730, -31.7090, 22.6021

Details

The Hex color **86C887** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C886C7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BDFFB**D, and **519255** is the 20% darker color. If you saturate the color by 10%, you get **72C873**, and if you desaturate by 10%, it is **9AC89B**.

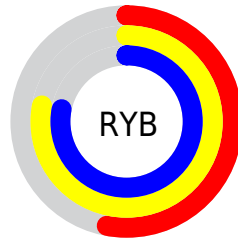
Distribution



Red (53%)

Green (78%)

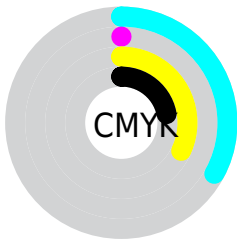
Blue (53%)



Red (53%)

Yellow (78%)

Blue (78%)

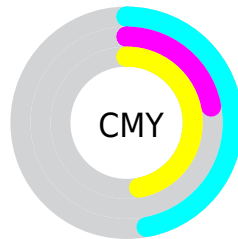


Cyan (33%)

Magenta (0%)

Yellow (32%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C887 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 86C887 by changing the saturation by 10% instead.



86C887



86C887

FFFFFF



6BAC6D



BDFEFD



519255



D9FFD9



37783D



F6FFF5



1C5E26



00460F



002F00



001A00



000000



86C887



86C887

 72C873

 9AC89B

 5EC860

 AEC8AE

 4AC84C

 C2C8C2

 36C838

 D6C8D6

 22C825

 EAC8E9

 0EC811

 FEC8FD

 00C803

 FFC8FF

Harmonies

Analogous

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



B4BF6E



86C887



4ECDAD

Triad

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



86C887



6ABFFF



FF9B9C

Complementary

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



86C887



C886C7

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.



FE9AC4



86C887



AEB2FF

Square

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



86C887



00C9F6



E0A3E9



F7A57B

Rectangle

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



86C887



14CDC8



E0A3E9



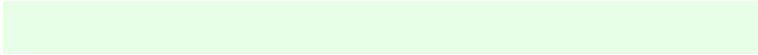
FF99A9

Sweetspot

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



86C887



E6FFE6



C8C886



708070



000000



808080

Same Dimension

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



86C887



99FF9B



86C8A7



5A635A



00A302



002401

Inverse Universe

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



C886C7



FF99FD



C886A7



635A63



A300A1



240023

Previews

White Background



This preview shows how the Hex color 86C887 looks on a white background.

Color Contrast Check

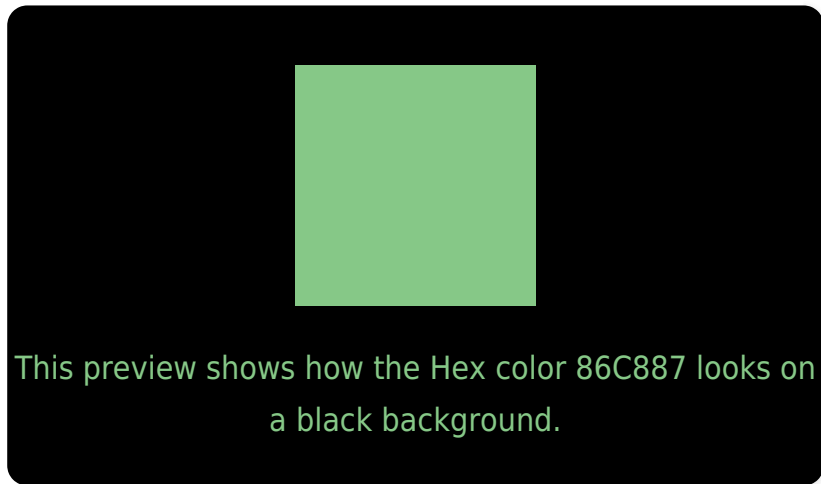
Large Text (above 18pt) WCAG AA × Fail

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

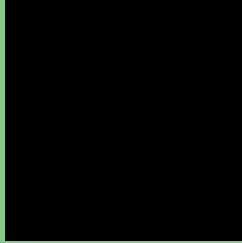
Any Text WCAG AA ✓ Pass

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 86C887 Background



This preview shows how black text looks on a background with the Hex color 86C887.

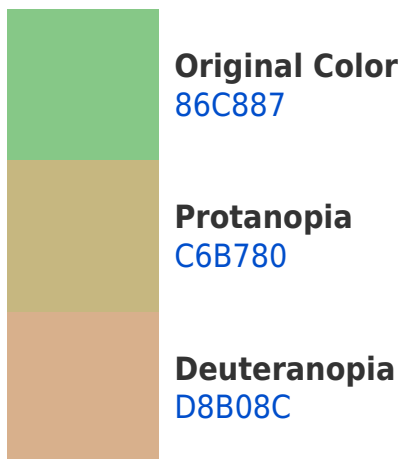


This preview shows how white text looks on a background with the Hex color 86C887.

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](#).

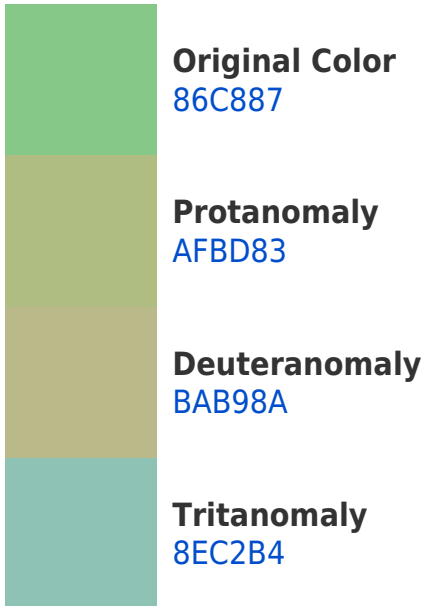
Dichromacy



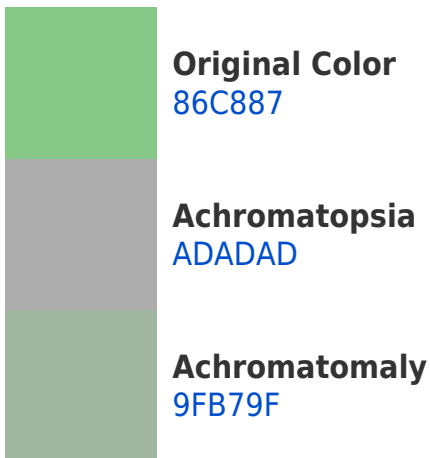


Tritanopia
93BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C887 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 #86C887 looks like.

```
.text, #text, p{  
    color:#86C887  
}
```

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 #86C887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C887
}
```

Border

The CSS property to change the border of an element to Hex 86C887 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
#86C887 }
```

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

```
.border{ border-color:#86C887 }
```

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

Here you see how a box with a 4 pixel #86C887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C887; -webkit-box-shadow:4px 4px  
4px 4px #86C887; box-shadow:4px 4px 4px  
4px #86C887 }
```

Background

The CSS property to change the background color of an element to Hex 86C887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C887 }
```

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

```
.background{ background-color:#86C887 }
```

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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