

Converting Colors

Hex(84B87E)

Have a look what the booklet for
Hex(84B87E) contains.

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Color

Hex(84B87E)

Conversions

Conversions Part 1

Format	Color
Hex	84B87E
RGB	132, 184, 126
RGB Percent	52%, 72%, 49%
CMY	0.4824, 0.2784, 0.5059
CMYK	0.28, 0.00, 0.32, 0.28
HSL	114°, 29%, 61%
HSV	114°, 32%, 72%
XYZ	30.4221, 40.6929, 25.9898
YIQ	161.8400, -12.3740, -29.0620

Conversions

Conversions Part 2

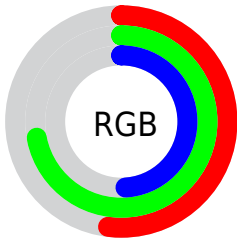
Format	Color
RYB	126, 184, 178
Decimal	8697982
CIELab	69.96, -28.50, 24.14
CIELCh	70, 37.349, 139.727
Yxy	40.6929, 0.3133, 0.4191
Android (android.graphics.Color)	4286888062 (0xFF84B87E)
YUV	161.8400, -17.6691, -26.1697
Hunter-Lab	63.7910, -26.5070, 20.4977

Details

The Hex color **84B87E** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B27EB8**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BAF0B3**, and **50834C** is the 20% darker color. If you saturate the color by 10%, you get **74B86C**, and if you desaturate by 10%, it is **94B890**.

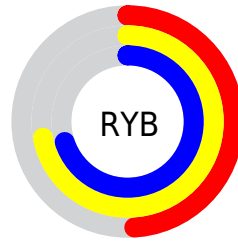
Distribution



Red (52%)

Green (72%)

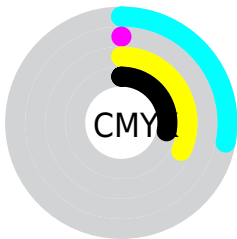
Blue (49%)



Red (49%)

Yellow (72%)

Blue (70%)

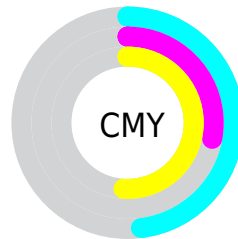


Cyan (28%)

Magenta (0%)

Yellow (32%)

Black (28%)



Cyan (48%)

Magenta (28%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84B87E 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 84B87E by changing the saturation by 10% instead.

 84B87E

 84B87E

FFFFFF

 6A9D65

 BAF0B3

 50834C

 D6FFCF

 386935

 F3FFEB

 1E511F

 023908

 002400

 000000

 84B87E

 84B87E

 74B86C

 94B890

 63B859

 A5B8A3

 53B847

 B5B8B5

 42B834

 C6B8C8

 32B822

 D6B8DA

 21B810

 E7B8EC

 13B800

 F7B8FF

 FFB8FF

Harmonies

Analogous

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



ABB06A



84B87E



58BC9E

Triad

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



84B87E



66B2ED



ED9296

Complementary

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



84B87E



B27EB8

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.



E592B8



84B87E



9EA6EB

Square

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



84B87E



2BBADE



CA9AD7



E49979

Rectangle

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



84B87E



38BDB5



CA9AD7



ED91A1

Sweetspot

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



84B87E



DCF0DA



B8B17E



6C786B



F7F7F7



787878

Same Dimension

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



84B87E



9EF095



7EB894



545C53



109C00



031C00

Inverse Universe

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



B27EB8



E695F0



B87EA2



5B535C



8B009C



19001C

Previews

White Background



This preview shows how the Hex color 84B87E looks on a white background.

Color Contrast Check

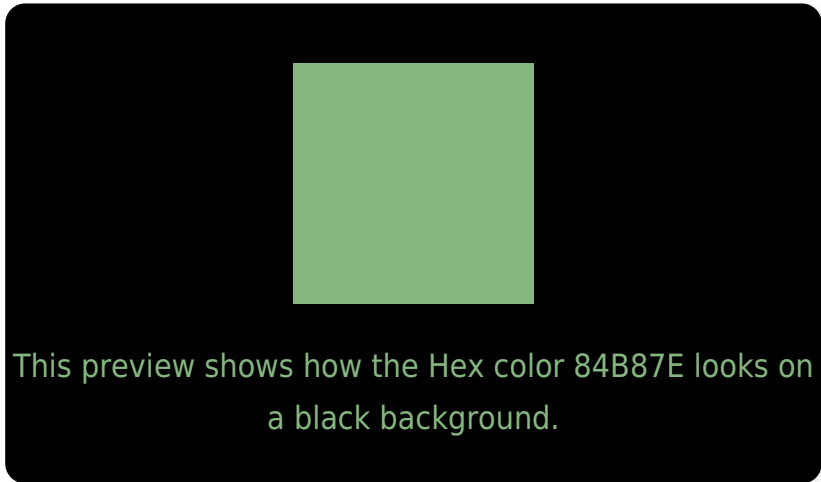
Large Text (above 18pt) WCAG AA × Fail

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 84B87E Background



This preview shows how black text looks on a background with the Hex color 84B87E.

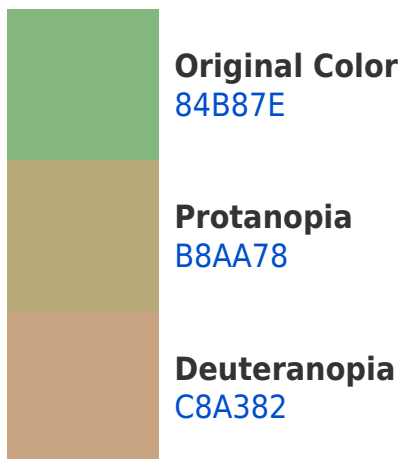


This preview shows how white text looks on a background with the Hex color 84B87E.

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](#).

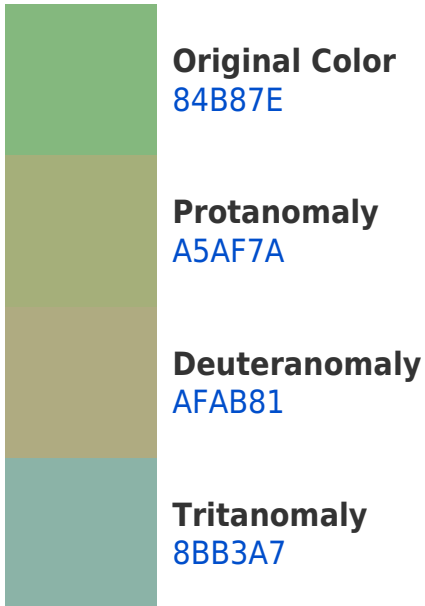
Dichromacy



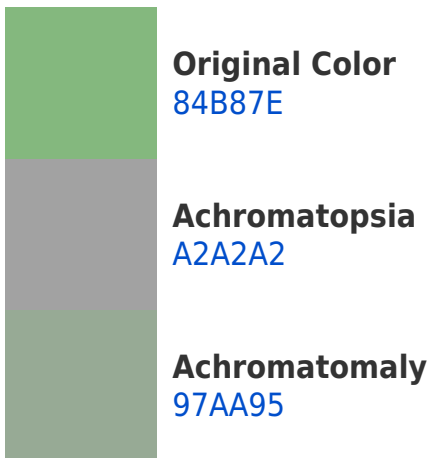


Tritanopia
8FB0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84B87E 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 #84B87E looks like.

```
.text, #text, p{  
    color:#84B87E  
}
```

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 #84B87E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B87E
}
```

Border

The CSS property to change the border of an element to Hex 84B87E 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
#84B87E }
```

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

```
.border{ border-color:#84B87E }
```

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

Here you see how a box with a 4 pixel #84B87E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B87E; -webkit-box-shadow:4px 4px  
4px 4px #84B87E; box-shadow:4px 4px 4px  
4px #84B87E }
```

Background

The CSS property to change the background color of an element to Hex 84B87E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B87E }
```

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

```
.background{ background-color:#84B87E }
```

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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