

# Converting Colors

Hex(84BA81)

Have a look what the booklet for  
Hex(84BA81) contains.

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# **Color**

**Hex(84BA81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84BA81
RGB	132, 186, 129
RGB Percent	52%, 73%, 51%
CMY	0.4824, 0.2706, 0.4941
CMYK	0.29, 0.00, 0.31, 0.27
HSL	117°, 29%, 62%
HSV	117°, 31%, 73%
XYZ	31.0371, 41.6083, 27.1643
YIQ	163.3560, -13.8870, -29.1750

# Conversions

## Conversions Part 2

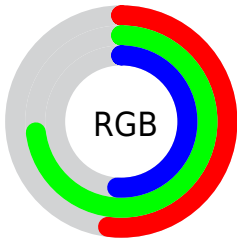
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 186, 183
Decimal	8698497
CIE <sub>Lab</sub>	70.60, -28.97, 23.41
CIE <sub>LCh</sub>	71, 37.240, 141.060
Yxy	41.6083, 0.3110, 0.4169
Android (android.graphics.Color)	4286888577 (0xFF84BA81)
YUV	163.3560, -16.9375, -27.4992
Hunter-Lab	64.5045, -26.9956, 20.1848

# Details

The Hex color **84BA81** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B781BA**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BAF2B6**, and **50854F** is the 20% darker color. If you saturate the color by 10%, you get **72BA6E**, and if you desaturate by 10%, it is **96BA94**.

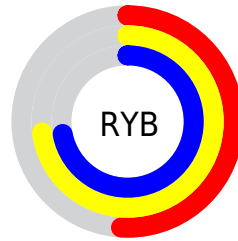
# Distribution



Red (52%)

Green (73%)

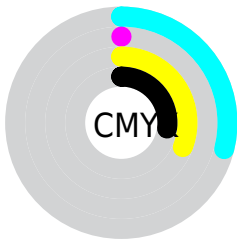
Blue (51%)



Red (51%)

Yellow (73%)

Blue (72%)

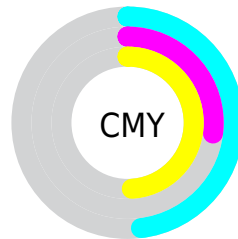


Cyan (29%)

Magenta (0%)

Yellow (31%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84BA81 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 84BA81 by changing the saturation by 10% instead.





84BA81



84BA81

FFFFFF



6A9F68



BAF2B6



50854F



D7FFD2



376B38



F3FFEE



1E5221



003B0B



002500



000400



000000



84BA81



84BA81

 72BA6E

 96BA94

 61BA5C

 A7BAA6

 4FBA49

 B9BAB9

 3EBA37

 CABACB

 2CBA24

 DCBADE

 1ABA11

 EEBAF1

 0ABA00

 FFBAFF

# Harmonies

## Analogous

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



ABB26C



84BA81



58BEA1

# Triad

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



84BA81



6BB3EF



EF9496

# Complementary

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



84BA81



B781BA

# 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.



E893B8



84BA81



A2A8EC

# Square

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



84BA81



31BBE0



CE9CD8



E59C79

# Rectangle

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



84BA81



39BFB9



CE9CD8



EF93A1

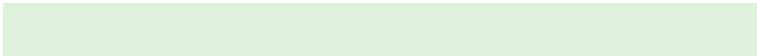


# Sweetspot

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



84BA81



DEF2DC



BAB681



6E7A6D



FAFAFA



7A7A7A



# Same Dimension

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



84BA81



9DF299



81BA9A



535C53



089C00



011C00



# Inverse Universe

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



B781BA



EE99F2



BA81A1



5B535C



93009C



1B001C



# Previews

## White Background



This preview shows how the Hex color 84BA81 looks on a white background.

## Color Contrast Check

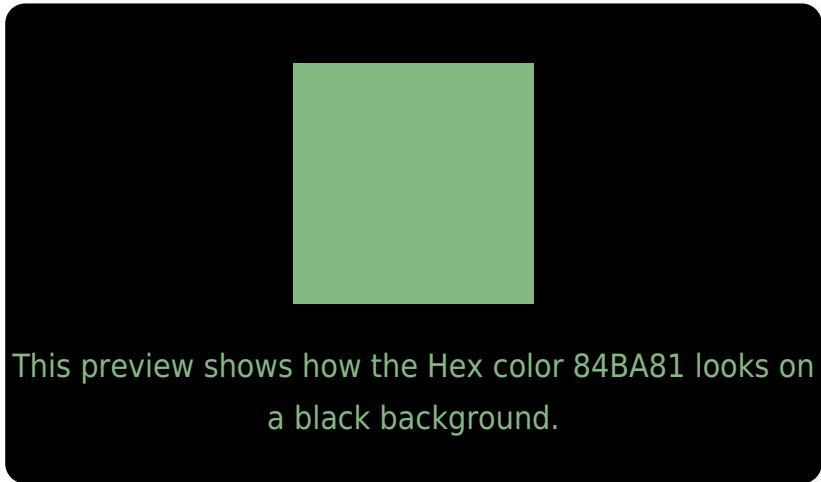
Large Text (above 18pt) WCAG AA × Fail

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

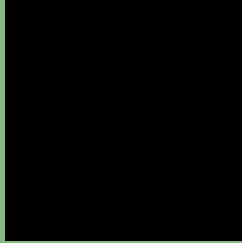
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84BA81 Background



This preview shows how black text looks on a background with the Hex color 84BA81.

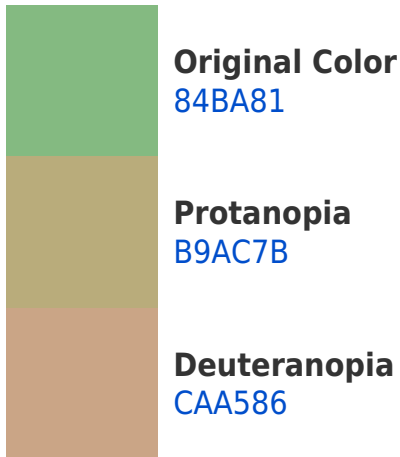


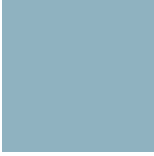
This preview shows how white text looks on a background with the Hex color 84BA81.

# 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](#).

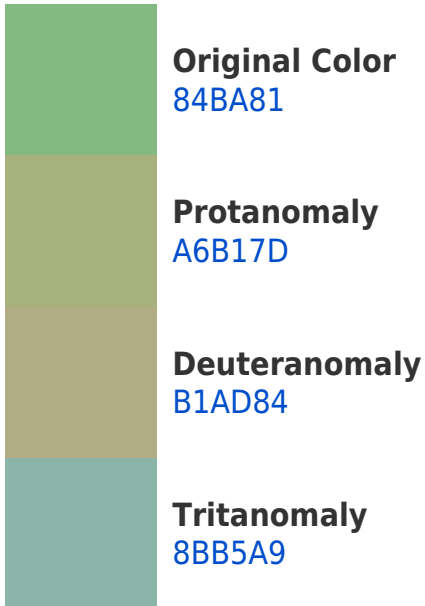
## Dichromacy



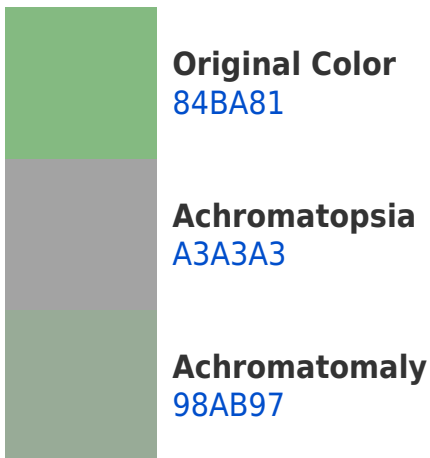


**Tritanopia**  
8FB2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84BA81 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 #84BA81 looks like.

```
.text, #text, p{  
    color:#84BA81  
}
```

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 #84BA81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84BA81
}
```

## Border

The CSS property to change the border of an element to Hex 84BA81 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
#84BA81 }
```

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

```
.border{ border-color:#84BA81 }
```

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

Here you see how a box with a 4 pixel #84BA81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84BA81; -webkit-box-shadow:4px 4px  
4px 4px #84BA81; box-shadow:4px 4px 4px  
4px #84BA81 }
```

# Background

The CSS property to change the background color of an element to Hex 84BA81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84BA81 }
```

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

```
.background{ background-color:#84BA81 }
```

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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