

# Converting Colors

Hex(84BA67)

Have a look what the booklet for  
Hex(84BA67) contains.

<b>Hex(84BA67)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(84BA67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84BA67
RGB	132, 186, 103
RGB Percent	52%, 73%, 40%
CMY	0.4824, 0.2706, 0.5961
CMYK	0.29, 0.00, 0.45, 0.27
HSL	99°, 38%, 57%
HSV	99°, 45%, 73%
XYZ	29.5228, 41.0026, 19.1902
YIQ	160.3920, -5.5410, -37.2610

# Conversions

## Conversions Part 2

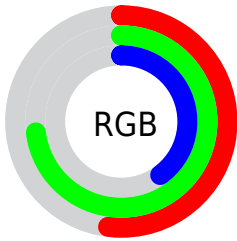
Format	Color
<a href="#">RYB</a>	<a href="#">103, 186, 157</a>
Decimal	<a href="#">8698471</a>
CIELab	<a href="#">70.18, -32.84, 36.45</a>
CIELCh	<a href="#">70, 49.059, 132.017</a>
Yxy	<a href="#">41.0026, 0.3291, 0.4570</a>
Android (android.graphics.Color)	<a href="#">4286888551</a> ( <a href="#">0xFF84BA67</a> )
YUV	<a href="#">160.3920, -28.2943, -24.8998</a>
Hunter-Lab	<a href="#">64.0333, -29.7601, 27.0546</a>

# Details

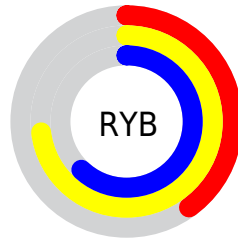
The Hex color **84BA67** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9D67BA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BBF29B**, and **4F8436** is the 20% darker color. If you saturate the color by 10%, you get **78BA54**, and if you desaturate by 10%, it is **90BA7A**.

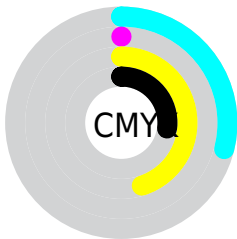
# Distribution



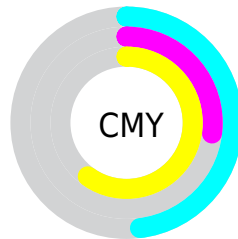
- Red (52%)
- Green (73%)
- Blue (40%)



- Red (40%)
- Yellow (73%)
- Blue (62%)



- Cyan (29%)
- Magenta (0%)
- Yellow (45%)
- Black (27%)



- Cyan (48%)
- Magenta (27%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84BA67 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 84BA67 by changing the saturation by 10% instead.





84BA67



84BA67

FFFFFF



699F4E



BBF29B



4F8436



D7FFB7



366B1D



F4FFD3



1B5202



FFFFEF



003B00



002600



000100



000000



84BA67



84BA67

 78BA54

 90BA7A

 6CBA42

 9CBA8C

 60BA2F

 A8BA9F

 54BA1D

 B4BAB1

 47BA0A

 C1BAC4

 41BA00

 CDBAD7

 D9BAE9

 E5BAFC

 F1BAFF

# Harmonies

## Analogous

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



B5AF51



84BA67



41C08F

# Triad

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



84BA67



00B8FF



FF879B

# Complementary

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



84BA67



9D67BA

# 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.



F08AC8



84BA67



82AAFF

# Square

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



84BA67



00C0E6



C799EE



F89072

# Rectangle

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



84BA67



00C2AD



C799EE



FE86AA



# Sweetspot

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



84BA67



DEF2D3



BA9D67



6E7A67



FAFAFA



7A7A7A



# Same Dimension

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



84BA67



9DF26F



67BA73



565C53



369C00



0A1C00



# Inverse Universe

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



9D67BA



C56FF2



BA67AE



59535C



65009C



12001C



# Previews

## White Background



This preview shows how the Hex color 84BA67 looks on a white background.

## Color Contrast Check

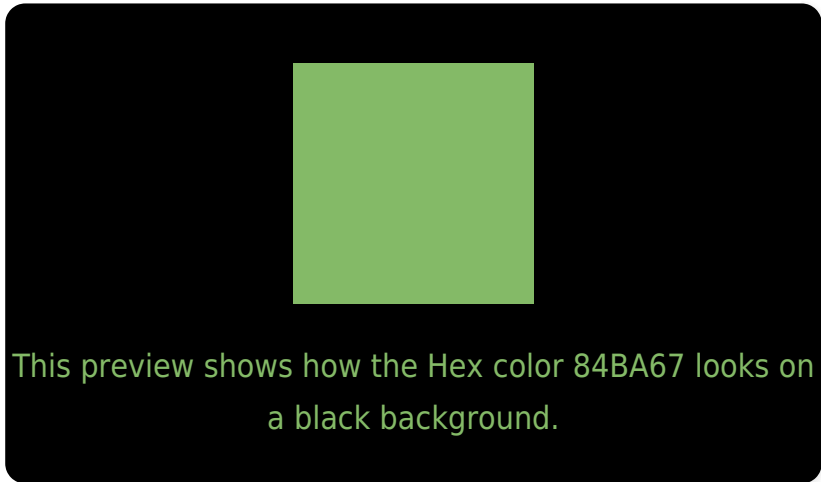
Large Text (above 18pt) WCAG AA × Fail

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 84BA67 Background



This preview shows how black text looks on a background with the Hex color 84BA67.



This preview shows how white text looks on a background with the Hex color 84BA67.

# 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



**Original Color**  
84BA67

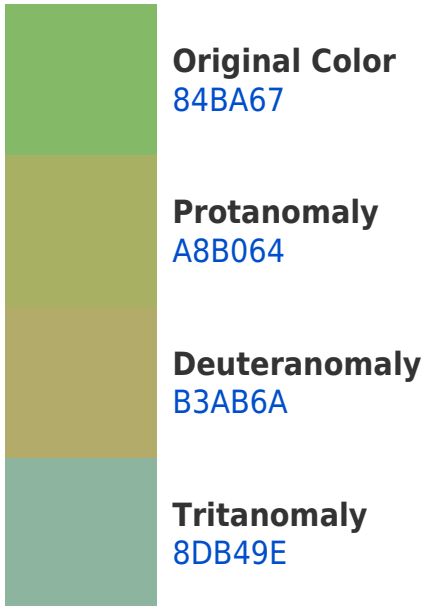
**Protanopia**  
BCAB62

**Deuteranopia**  
CEA36C

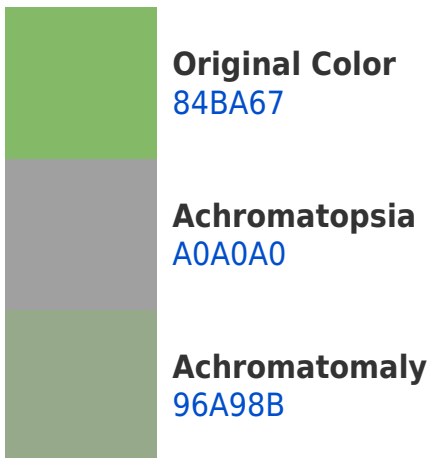


**Tritanopia**  
92B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84BA67 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 #84BA67 looks like.

```
.text, #text, p{  
    color:#84BA67  
}
```

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 #84BA67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84BA67
}
```

## Border

The CSS property to change the border of an element to Hex 84BA67 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
#84BA67 }
```

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

```
.border{ border-color:#84BA67 }
```

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

Here you see how a box with a 4 pixel #84BA67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84BA67; -webkit-box-shadow:4px 4px  
4px 4px #84BA67; box-shadow:4px 4px 4px  
4px #84BA67 }
```

# Background

The CSS property to change the background color of an element to Hex 84BA67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84BA67 }
```

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

```
.background{ background-color:#84BA67 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor