

# Converting Colors

Hex(84BA77)

Have a look what the booklet for  
Hex(84BA77) contains.

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**Color**

**Hex(84BA77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84BA77
RGB	132, 186, 119
RGB Percent	52%, 73%, 47%
CMY	0.4824, 0.2706, 0.5333
CMYK	0.29, 0.00, 0.36, 0.27
HSL	108°, 33%, 60%
HSV	108°, 36%, 73%
XYZ	30.4044, 41.3553, 23.8326
YIQ	162.2160, -10.6770, -32.2850

# Conversions

## Conversions Part 2

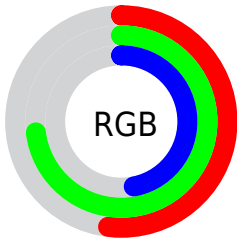
Format	Color
<a href="#">RYB</a>	<a href="#">119, 186, 173</a>
Decimal	<a href="#">8698487</a>
CIELab	<a href="#">70.42, -30.56, 28.48</a>
CIELCh	<a href="#">70, 41.772, 137.024</a>
Yxy	<a href="#">41.3553, 0.3181, 0.4326</a>
Android (android.graphics.Color)	<a href="#">4286888567 (0xFF84BA77)</a>
YUV	<a href="#">162.2160, -21.3055, -26.4994</a>
Hunter-Lab	<a href="#">64.3081, -28.1455, 23.0427</a>

# Details

The Hex color **84BA77** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **AD77BA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BBF2AC**, and **508446** is the 20% darker color. If you saturate the color by 10%, you get **75BA64**, and if you desaturate by 10%, it is **93BA8A**.

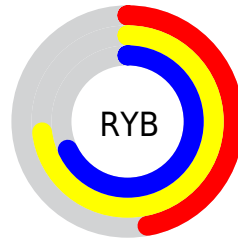
# Distribution



Red (52%)

Green (73%)

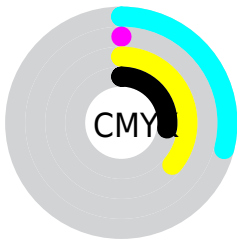
Blue (47%)



Red (47%)

Yellow (73%)

Blue (68%)

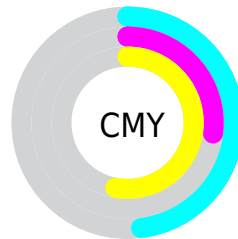


Cyan (29%)

Magenta (0%)

Yellow (36%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84BA77 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 84BA77 by changing the saturation by 10% instead.



 84BA77

 84BA77

FFFFFF

 6A9F5E

 BBF2AC

 508446

 D7FFC7

 376B2E

 F4FFE4

 1D5217

 003B00

 002500

 000300

 000000

 84BA77

 84BA77

 75BA64

 93BA8A

 66BA52

 A2BA9C

 57BA3F

 B1BAAF

 48BA2D

 C0BAC1

 39BA1A

 CFBAD4

 2ABA07

 DEBAE7

 24BA00

 EDBAF9

 FCBAFF

 FFBAFF

# Harmonies

## Analogous

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



AFB162



84BA77



50BF9A

# Triad

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



84BA77



50B5F6



F68F98

# Complementary

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



84BA77



AD77BA

# 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.



EB90BE



84BA77



97A9F5

# Square

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



84BA77



00BDE3



CB9AE0



EC9776

# Rectangle

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



84BA77



19C0B4



CB9AE0



F58EA5



# Sweetspot

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



84BA77



DDF2D8



BAAD77



6E7A6A



FAFAFA



7A7A7A



# Same Dimension

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



84BA77



9EF28A



77BA8B



545C53



1E9C00



051C00



# Inverse Universe

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



AD77BA



DE8AF2



BA77A6



5A535C



7D009C



17001C



# Previews

## White Background



This preview shows how the Hex color 84BA77 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



This preview shows how the Hex color 84BA77 looks on a 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 84BA77 Background



This preview shows how black text looks on a background with the Hex color 84BA77.

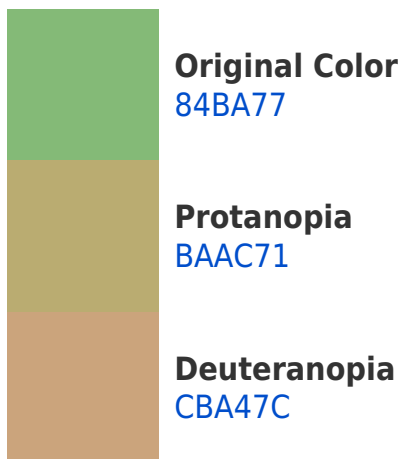


This preview shows how white text looks on a background with the Hex color 84BA77.

# 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](#).

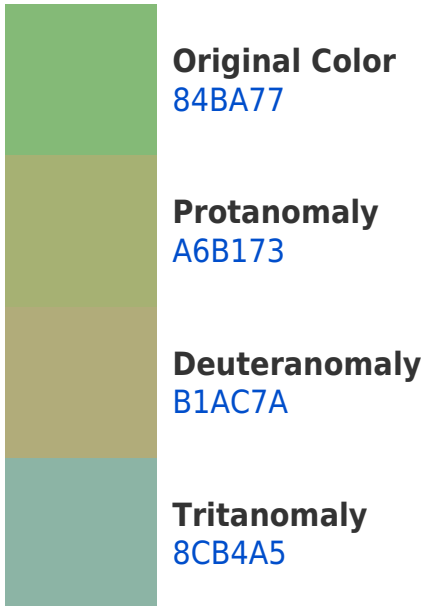
## Dichromacy





**Tritanopia**  
90B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84BA77 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 #84BA77 looks like.

```
.text, #text, p{  
    color:#84BA77  
}
```

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 #84BA77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84BA77  
}
```

## Border

The CSS property to change the border of an element to Hex 84BA77 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  
#84BA77 }
```

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

```
.border{ border-color:#84BA77 }
```

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

Here you see how a box with a 4 pixel #84BA77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84BA77; -webkit-box-shadow:4px 4px  
4px 4px #84BA77; box-shadow:4px 4px 4px  
4px #84BA77 }
```

# Background

The CSS property to change the background color of an element to Hex 84BA77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84BA77 }
```

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

```
.background{ background-color:#84BA77 }
```

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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