

# Converting Colors

Hex(84C673)

Have a look what the booklet for  
Hex(84C673) contains.

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**Color**

**Hex(84C673)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84C673
RGB	132, 198, 115
RGB Percent	52%, 78%, 45%
CMY	0.4824, 0.2235, 0.5490
CMYK	0.33, 0.00, 0.42, 0.22
HSL	108°, 42%, 61%
HSV	108°, 42%, 78%
XYZ	32.8043, 46.5315, 23.4722
YIQ	168.8040, -12.6930, -39.8050

# Conversions

## Conversions Part 2

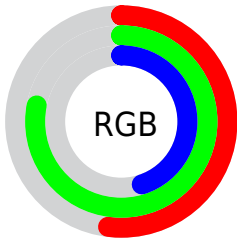
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 198, 181
Decimal	8701555
CIELab	73.89, -36.73, 35.06
CIELCh	74, 50.775, 136.330
Yxy	46.5315, 0.3191, 0.4526
Android (android.graphics.Color)	4286891635 (0xFF84C673)
YUV	168.8040, -26.5254, -32.2771
Hunter-Lab	68.2140, -33.5333, 27.3484

# Details

The Hex color **84C673** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B573C6**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **BBFFA8**, and **4F9041** is the 20% darker color. If you saturate the color by 10%, you get **74C65F**, and if you desaturate by 10%, it is **94C687**.

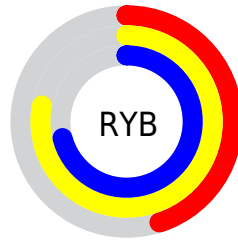
# Distribution



Red (52%)

Green (78%)

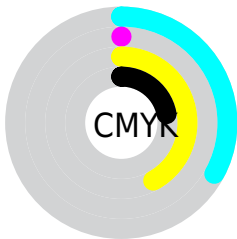
Blue (45%)



Red (45%)

Yellow (78%)

Blue (71%)

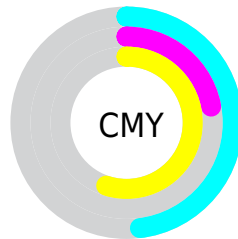


Cyan (33%)

Magenta (0%)

Yellow (42%)

Black (22%)



Cyan (48%)

Magenta (22%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84C673 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 84C673 by changing the saturation by 10% instead.





84C673



84C673

FFFFFF



69AA5A



BBFFA8



4F9041



D8FFC4



347629



F5FFE0



175C10

FFFFFFD



004400



002D00



001600



000000



84C673



84C673

 74C65F

 94C687

 65C64B

 A3C69B

 55C638

 B3C6AE

 45C624

 C3C6C2

 35C610

 D3C6D6

 29C600

 E2C6EA

 F2C6FE

 FFC6FF

# Harmonies

## Analogous

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



B9BB59



84C673



37CC9E

# Triad

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



84C673



1AC1FF



FF909E

# Complementary

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



84C673



B573C6

# 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.



FF91CD



84C673



97B2FF

# Square

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



84C673



00CAF8



DAA0F6



FF9B74

# Rectangle

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



84C673



00CEBE



DAA0F6



FF8FAD

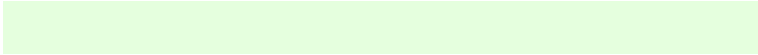


# Sweetspot

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



84C673



E5FFDE



C6B473



6F806B



000000



808080



# Same Dimension

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



84C673



9AFF80



73C68B



5C635A



21A300



072400



# Inverse Universe

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



B573C6



E580FF



C673AE



615A63



8200A3



1C0024



# Previews

## White Background



This preview shows how the Hex color 84C673 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 84C673 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

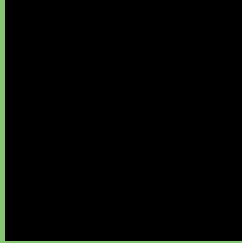
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84C673 Background



This preview shows how black text looks on a background with the Hex color 84C673.

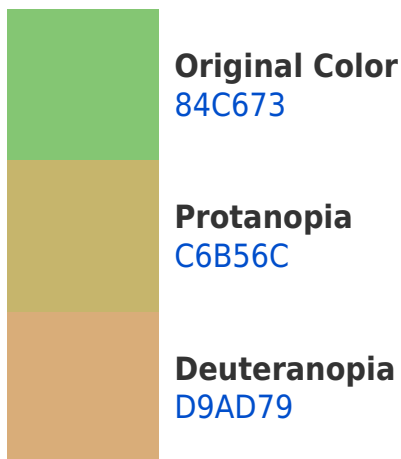


This preview shows how white text looks on a background with the Hex color 84C673.

# 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](#).

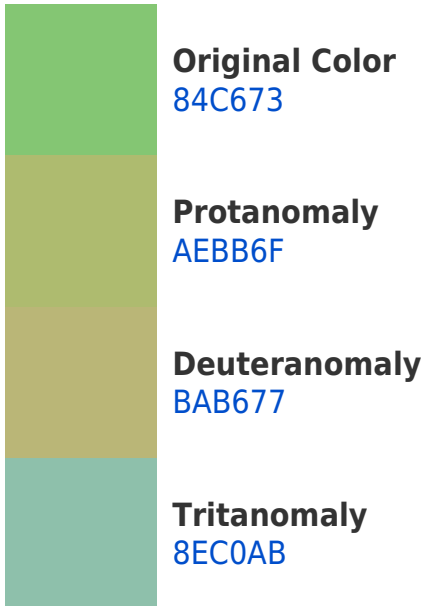
## Dichromacy



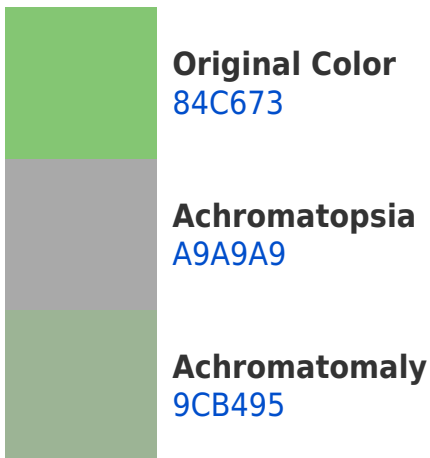


**Tritanopia**  
93BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84C673 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 #84C673 looks like.

```
.text, #text, p{  
    color:#84C673  
}
```

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 #84C673 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C673
}
```

## Border

The CSS property to change the border of an element to Hex 84C673 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
#84C673 }
```

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

```
.border{ border-color:#84C673 }
```

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

Here you see how a box with a 4 pixel #84C673 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C673; -webkit-box-shadow:4px 4px  
4px 4px #84C673; box-shadow:4px 4px 4px  
4px #84C673 }
```

# Background

The CSS property to change the background color of an element to Hex 84C673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C673 }
```

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

```
.background{ background-color:#84C673 }
```

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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