

# Converting Colors

Hex(81C688)

Have a look what the booklet for  
Hex(81C688) contains.

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# **Color**

**Hex(81C688)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81C688
RGB	129, 198, 136
RGB Percent	51%, 78%, 53%
CMY	0.4941, 0.2235, 0.4667
CMYK	0.35, 0.00, 0.31, 0.22
HSL	126°, 38%, 64%
HSV	126°, 35%, 78%
XYZ	33.6913, 46.8329, 30.5565
YIQ	170.3010, -21.2220, -33.9100

# Conversions

## Conversions Part 2

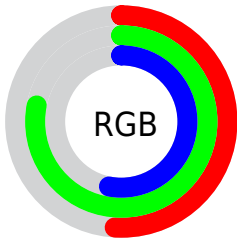
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 192, 198
Decimal	8504968
CIELab	74.08, -34.43, 24.37
CIElCh	74, 42.183, 144.704
Yxy	46.8329, 0.3033, 0.4216
Android (android.graphics.Color)	4286695048 (0xFF81C688)
YUV	170.3010, -16.9104, -36.2210
Hunter-Lab	68.4345, -31.8824, 21.4308

# Details

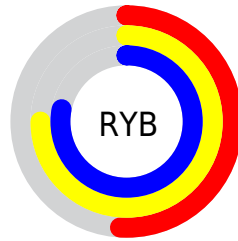
The Hex color **81C688** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C681BF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B8FFBE**, and **4C9056** is the 20% darker color. If you saturate the color by 10%, you get **6DC676**, and if you desaturate by 10%, it is **95C69A**.

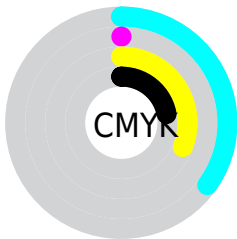
# Distribution



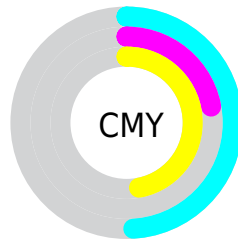
- Red (51%)
- Green (78%)
- Blue (53%)



- Red (51%)
- Yellow (75%)
- Blue (78%)



- Cyan (35%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)




- Cyan (49%)
- Magenta (22%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81C688 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 81C688 by changing the saturation by 10% instead.



 81C688

 81C688

FFFFFF

 66AA6E

 B8FFBE

 4C9056

 D4FFDA

 32763E

 F1FFF6


 155D27

 004411

 002D00

 001700

 000000

 81C688

 81C688

 6DC676

 95C69A

 59C664

 A9C6AC

 46C653

 BCC6BD

 32C641

 D0C6CF

 1EC62F

 E4C6E1

 0AC61D

 F8C6F3

 00C614

 FFC6FF

# Harmonies

## Analogous

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



AFBE6E



81C688



4ACAAE

# Triad

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



81C688



6FBCFF



FF9A98

# Complementary

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



81C688



C681BF

# 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.



FC98BF



81C688



B0AFFC

# Square

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



81C688



0DC6F4



E0A1E3



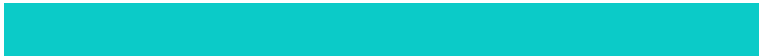
F2A478

# Rectangle

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



81C688



0BCBC8



E0A1E3



FF98A4

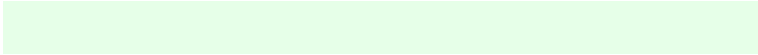


# Sweetspot

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



81C688



E6FFE8



BFC681



708072



000000



808080

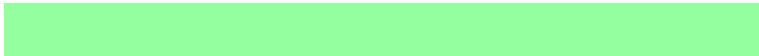


# Same Dimension

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



81C688



94FF9F



81C6AA



5A635B



00A311



002404



# Inverse Universe

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



C681BF



FF94F4



C6819D



635A62



A30093



240020



# Previews

## White Background



This preview shows how the Hex color 81C688 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 81C688 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

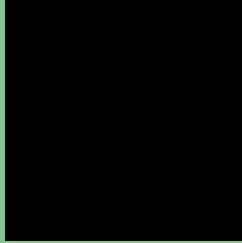
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81C688 Background



This preview shows how black text looks on a background with the Hex color 81C688.

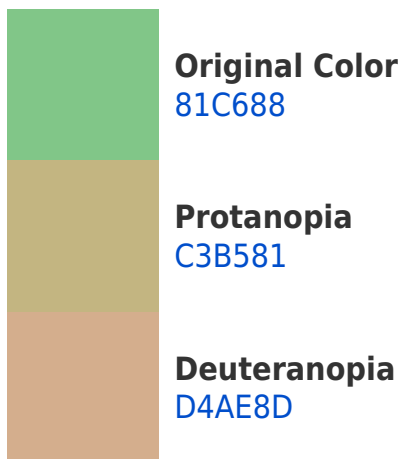


This preview shows how white text looks on a background with the Hex color 81C688.

# 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](#).

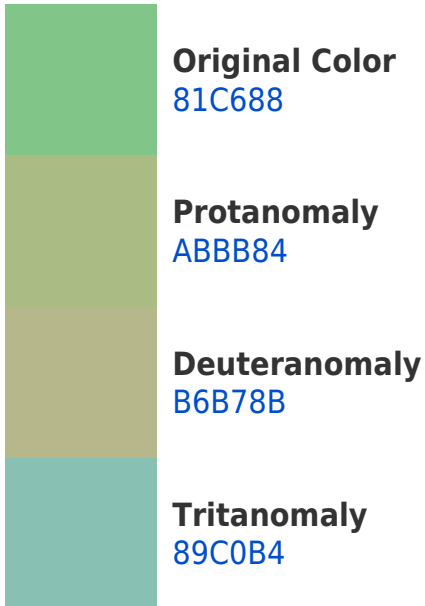
## Dichromacy



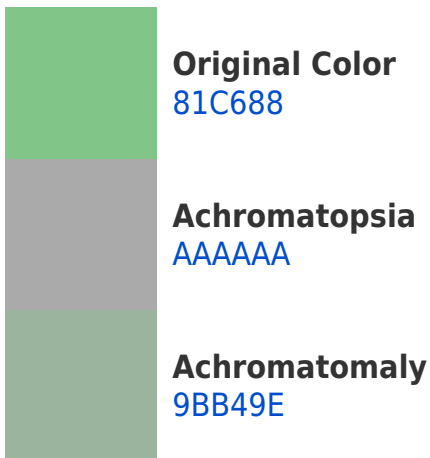


**Tritanopia**  
8EBDCD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81C688 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 #81C688 looks like.

```
.text, #text, p{  
    color:#81C688  
}
```

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 #81C688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C688
}
```

## Border

The CSS property to change the border of an element to Hex 81C688 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
#81C688 }
```

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

```
.border{ border-color:#81C688 }
```

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

Here you see how a box with a 4 pixel #81C688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C688; -webkit-box-shadow:4px 4px  
4px 4px #81C688; box-shadow:4px 4px 4px  
4px #81C688 }
```

# Background

The CSS property to change the background color of an element to Hex 81C688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C688 }
```

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

```
.background{ background-color:#81C688 }
```

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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