

# Converting Colors

Hex(84C6A1)

Have a look what the booklet for  
Hex(84C6A1) contains.

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# Color

**Hex(84C6A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84C6A1
RGB	132, 198, 161
RGB Percent	52%, 78%, 63%
CMY	0.4824, 0.2235, 0.3686
CMYK	0.33, 0.00, 0.19, 0.22
HSL	146°, 37%, 65%
HSV	146°, 33%, 78%
XYZ	36.1428, 47.8669, 41.0525
YIQ	174.0480, -27.4590, -25.4990

# Conversions

## Conversions Part 2

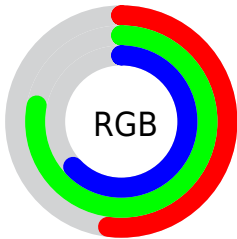
Format	Color
<a href="#">RYB</a>	<a href="#">132, 178, 198</a>
Decimal	<a href="#">8701601</a>
CIELab	<a href="#">74.74, -28.88, 11.96</a>
CIELCh	<a href="#">75, 31.263, 157.499</a>
Yxy	<a href="#">47.8669, 0.2890, 0.3827</a>
Android (android.graphics.Color)	<a href="#">4286891681 (0xFF84C6A1)</a>
YUV	<a href="#">174.0480, -6.4327, -36.8761</a>
Hunter-Lab	<a href="#">69.1859, -27.8267, 13.2495</a>

# Details

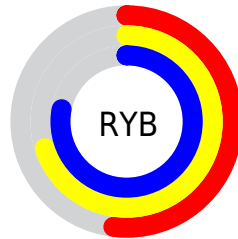
The Hex color **84C6A1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C684A9**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BBFFD8**, and **50906D** is the 20% darker color. If you saturate the color by 10%, you get **70C696**, and if you desaturate by 10%, it is **98C6AC**.

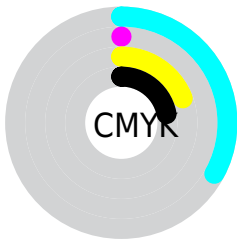
# Distribution



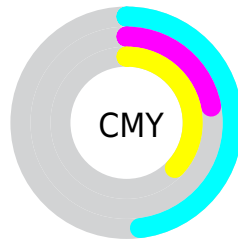
- Red (52%)
- Green (78%)
- Blue (63%)



- Red (52%)
- Yellow (70%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)



- Cyan (48%)
- Magenta (22%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84C6A1 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 84C6A1 by changing the saturation by 10% instead.





84C6A1



84C6A1

FFFFFF



6AAB87



BBFFD8



50906D



D7FFF4



367655



F4FFFF



1B5D3E



004528



002E13



001900



000000



84C6A1



84C6A1

 70C696

 98C6AC

 5CC68B

 ACC6B7

 49C680

 BFC6C2

 35C675

 D3C6CD

 21C669

 E7C6D9

 0DC65E

 FBC6E4

 00C657

 FFC6EF

 FFC6FA

 FFC6FF

# Harmonies

## Analogous

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



A6C18A



84C6A1



67C8BE

# Triad

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



84C6A1



9DB8F1



EFA696

# Complementary

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



84C6A1



C684A9

# 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.



F1A2B2



84C6A1



C5AEE6

# Square

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



84C6A1



74C1EC



E3A6CF



DFAF83

# Rectangle

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



84C6A1



5CC7D1



E3A6CF



F1A49F

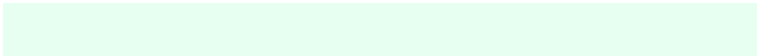


# Sweetspot

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



84C6A1



E6FFF1



A9C684



708077



000000



808080



# Same Dimension

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



84C6A1



99FFC6



84C6C2



5A635E



00A348



002410



# Inverse Universe

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



C684A9



FF99D2



C68488



635A5F



A3005B



240014



# Previews

## White Background



This preview shows how the Hex color 84C6A1 looks on a white background.

## Color Contrast Check

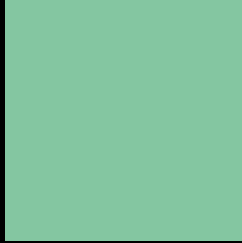
Large Text (above 18pt) WCAG AA × Fail

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 84C6A1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

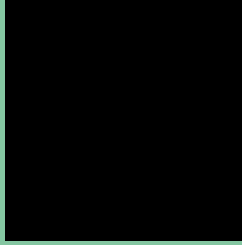
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84C6A1 Background



This preview shows how black text looks on a background with the Hex color 84C6A1.

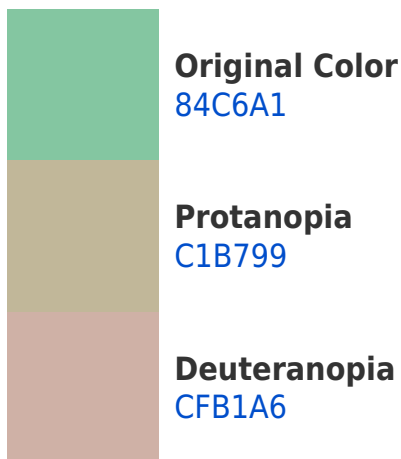


This preview shows how white text looks on a background with the Hex color 84C6A1.

# Color Blindness Simulation

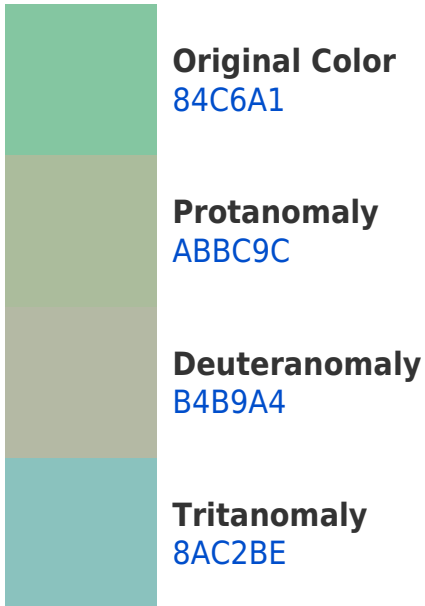
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

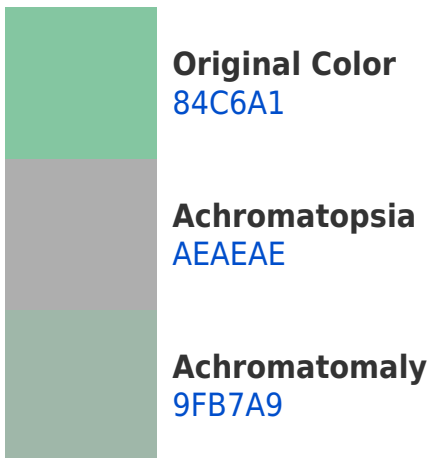




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84C6A1 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 #84C6A1 looks like.

```
.text, #text, p{  
    color:#84C6A1  
}
```

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 #84C6A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C6A1
}
```

## Border

The CSS property to change the border of an element to Hex 84C6A1 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
#84C6A1 }
```

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

```
.border{ border-color:#84C6A1 }
```

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

Here you see how a box with a 4 pixel #84C6A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C6A1; -webkit-box-shadow:4px 4px  
4px 4px #84C6A1; box-shadow:4px 4px 4px  
4px #84C6A1 }
```

# Background

The CSS property to change the background color of an element to Hex 84C6A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C6A1 }
```

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

```
.background{ background-color:#84C6A1 }
```

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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