

# Converting Colors

Hex(84C5A2)

Have a look what the booklet for  
Hex(84C5A2) contains.

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# **Color**

**Hex(84C5A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84C5A2
RGB	132, 197, 162
RGB Percent	52%, 77%, 64%
CMY	0.4824, 0.2275, 0.3647
CMYK	0.33, 0.00, 0.18, 0.23
HSL	148°, 36%, 65%
HSV	148°, 33%, 77%
XYZ	36.0036, 47.4467, 41.4430
YIQ	173.5750, -27.5050, -24.6650

# Conversions

## Conversions Part 2

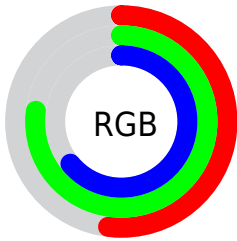
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 176, 197</a>
Decimal	<a href="#">8701346</a>
CIELab	<a href="#">74.47, -28.20, 11.05</a>
CIELCh	<a href="#">74, 30.288, 158.605</a>
Yxy	<a href="#">47.4467, 0.2883, 0.3799</a>
Android (android.graphics.Color)	<a href="#">4286891426 (0xFF84C5A2)</a>
YUV	<a href="#">173.5750, -5.7065, -36.4613</a>
Hunter-Lab	<a href="#">68.8815, -27.2429, 12.5449</a>

# Details

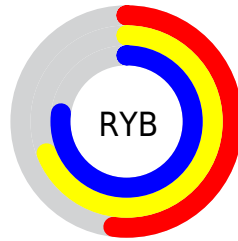
The Hex color **84C5A2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C584A7**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **BBFED9**, and **508F6E** is the 20% darker color. If you saturate the color by 10%, you get **70C597**, and if you desaturate by 10%, it is **98C5AD**.

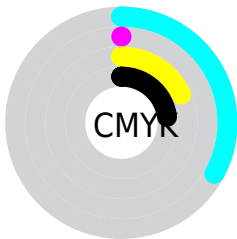
# Distribution



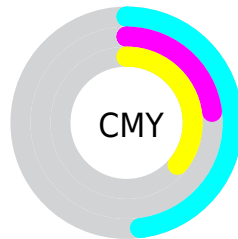
- Red (52%)
- Green (77%)
- Blue (64%)



- Red (52%)
- Yellow (69%)
- Blue (77%)



- Cyan (33%)
- Magenta (0%)
- Yellow (18%)
- Black (23%)



- Cyan (48%)
- Magenta (23%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84C5A2 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 84C5A2 by changing the saturation by 10% instead.



 84C5A2

 84C5A2

FFFFFF

 6AAA88

 BBFED9

 508F6E

 D7FFF5

 367556

 F4FFFF

 1B5C3F

 004429

 002D14

 001800

 000000

 84C5A2

 84C5A2

 70C597

 98C5AD

 5DC58D

 ABC5B7

 49C582

 BFC5C2

 35C578

 D3C5CC

 22C56D

 E7C5D7

 0EC562

 FAC5E2

 00C55B

 FFC5EC

 FFC5F7

 FFC5FF

# Harmonies

## Analogous

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



A4C08B



84C5A2



69C7BF

# Triad

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



84C5A2



9FB7EE



ECA696

# Complementary

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



84C5A2



C584A7

# 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.



EFA3B0



84C5A2



C5ADE3

# Square

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



84C5A2



78C0EA



E1A5CC



DCAF84

# Rectangle

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



84C5A2



60C6D1



E1A5CC



EFA49E

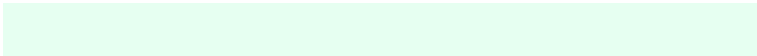


# Sweetspot

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



84C5A2



E6FFF1



A8C584



708077



000000



808080

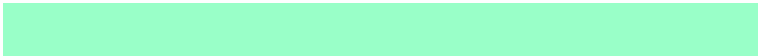


# Same Dimension

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



84C5A2



99FFC8



84C5C2



5A635E



00A34B



002410



# Inverse Universe

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



C584A7



FF99D0



C58487



635A5F



A30058



240013



# Previews

## White Background



This preview shows how the Hex color 84C5A2 looks on a white background.

## Color Contrast Check

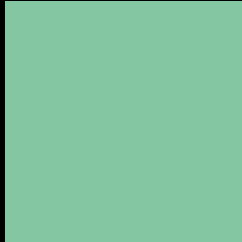
Large Text (above 18pt) WCAG AA × Fail

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 84C5A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

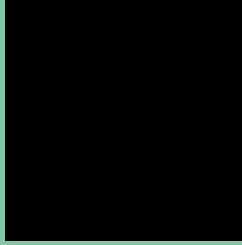
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84C5A2 Background



This preview shows how black text looks on a background with the Hex color 84C5A2.

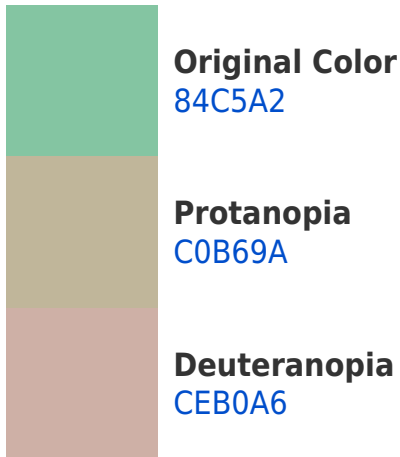


This preview shows how white text looks on a background with the Hex color 84C5A2.

# 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](#).

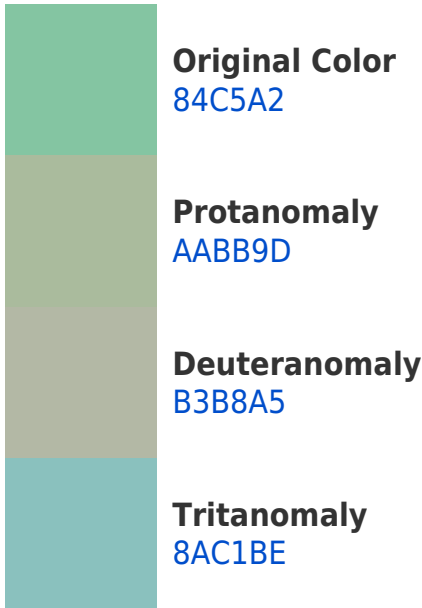
## Dichromacy



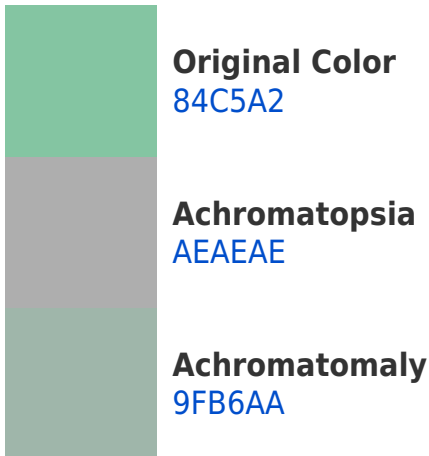


**Tritanopia**  
8DBFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84C5A2 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 #84C5A2 looks like.

```
.text, #text, p{  
    color:#84C5A2  
}
```

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 #84C5A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C5A2
}
```

## Border

The CSS property to change the border of an element to Hex 84C5A2 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
#84C5A2 }
```

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

```
.border{ border-color:#84C5A2 }
```

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

Here you see how a box with a 4 pixel #84C5A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C5A2; -webkit-box-shadow:4px 4px  
4px 4px #84C5A2; box-shadow:4px 4px 4px  
4px #84C5A2 }
```

# Background

The CSS property to change the background color of an element to Hex 84C5A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C5A2 }
```

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

```
.background{ background-color:#84C5A2 }
```

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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