

Converting Colors

Hex(84C79A)

Have a look what the booklet for
Hex(84C79A) contains.

| | |
|--|----|
| Hex(84C79A) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(84C79A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 84C79A |
| RGB | 132, 199, 154 |
| RGB Percent | 52%, 78%, 60% |
| CMY | 0.4824, 0.2196, 0.3961 |
| CMYK | 0.34, 0.00, 0.23, 0.22 |
| HSL | 140°, 37%, 65% |
| HSV | 140°, 34%, 78% |
| XYZ | 35.7719, 48.0855, 37.9679 |
| YIQ | 173.8370, -25.4870, -28.1990 |

Conversions

Conversions Part 2

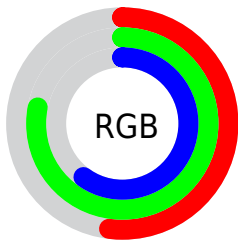
| Format | Color |
|-------------------------------------|---|
| RYB | 132, 182, 199 |
| Decimal | 8701850 |
| CIELab | 74.88, -30.72, 15.92 |
| CIELCh | 75, 34.599, 152.613 |
| Yxy | 48.0855, 0.2936, 0.3947 |
| Android (android.graphics.Color) | 4286891930 (0xFF84C79A) |
| YUV | 173.8370, -9.7796, -36.6910 |
| Hunter-Lab | 69.3437, -29.2698, 16.0774 |

Details

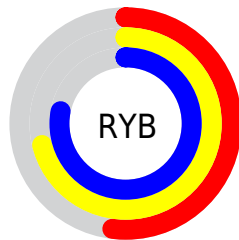
The Hex color **84C79A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C784B1**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **BBFFD0**, and **4F9167** is the 20% darker color. If you saturate the color by 10%, you get **70C78D**, and if you desaturate by 10%, it is **98C7A7**.

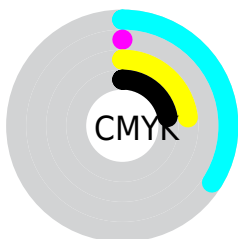
Distribution



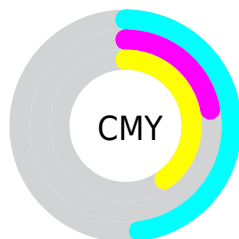
- Red (52%)
- Green (78%)
- Blue (60%)



- Red (52%)
- Yellow (71%)
- Blue (78%)



- Cyan (34%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)



- Cyan (48%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84C79A 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 84C79A by changing the saturation by 10% instead.



84C79A



84C79A

FFFFFF



69AB80



BBFFD0



4F9167



D7FFED



36774F



F4FFFF



1A5E38



004522



002E0C



001A00



000000



84C79A



84C79A

 70C78D

 98C7A7

 5CC77F

 ACC7B5

 48C772

 C0C7C2

 34C765

 D4C7CF

 21C757

 E8C7DD

 0DC74A

 FBC7EA

 00C741

 FFC7F8

 FFC7FF

Harmonies

Analogous

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



AAC182



84C79A



5FCABA

Triad

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



84C79A



91BAF7



F6A398

Complementary

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



84C79A



C784B1

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.



F5A0B7



84C79A



C0AFEE

Square

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



84C79A



62C3F0



E3A5D6



E6AC81

Rectangle

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



84C79A



4DC9D0



E3A5D6



F8A1A1

Sweetspot

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



84C79A



E6FFEE



B2C784



708075



000000



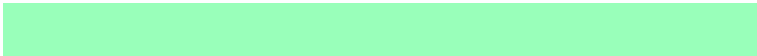
808080

Same Dimension

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



84C79A



99FFBA



84C7BB



5A635D



00A336



00240C

Inverse Universe

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



C784B1



FF99DE



C78490



635A60



A3006E



240018

Previews

White Background



This preview shows how the Hex color 84C79A looks on a white background.

Color Contrast Check

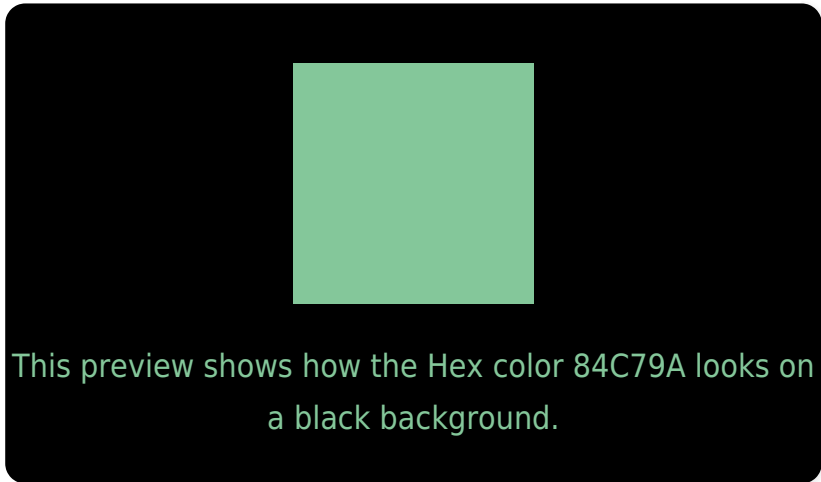
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

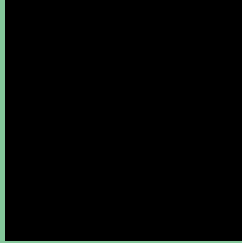
Any Text WCAG AA ✓ Pass

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 84C79A Background



This preview shows how black text looks on a background with the Hex color 84C79A.

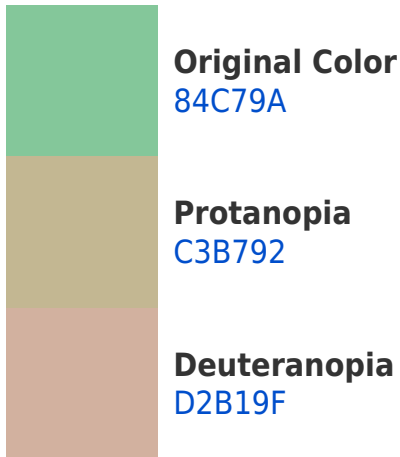


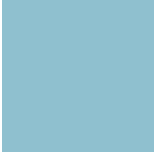
This preview shows how white text looks on a background with the Hex color 84C79A.

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](#).

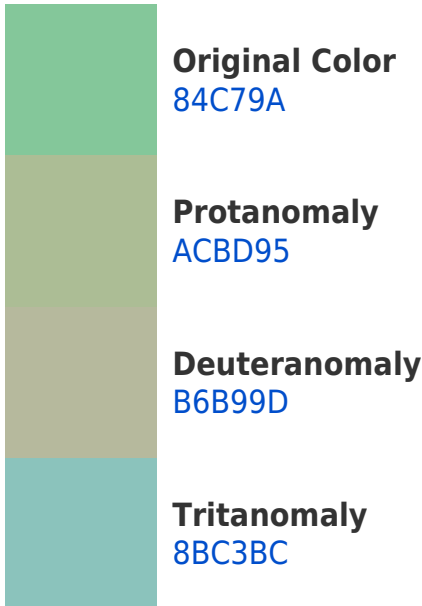
Dichromacy



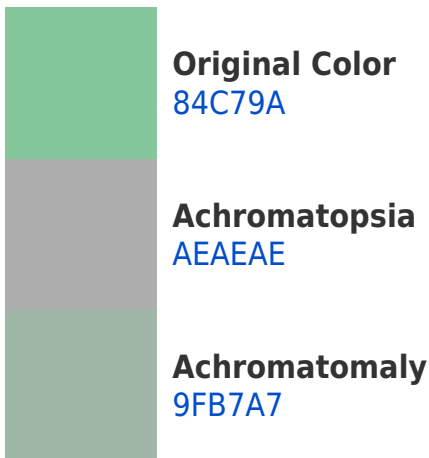


Tritanopia
8FC0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84C79A 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 #84C79A looks like.

```
.text, #text, p{  
    color:#84C79A  
}
```

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 #84C79A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C79A
}
```

Border

The CSS property to change the border of an element to Hex 84C79A 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
#84C79A }
```

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

```
.border{ border-color:#84C79A }
```

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

Here you see how a box with a 4 pixel #84C79A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C79A; -webkit-box-shadow:4px 4px  
4px 4px #84C79A; box-shadow:4px 4px 4px  
4px #84C79A }
```

Background

The CSS property to change the background color of an element to Hex 84C79A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C79A }
```

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

```
.background{ background-color:#84C79A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor