

Converting Colors

Hex(84AA83)

Have a look what the booklet for
Hex(84AA83) contains.

Hex(84AA83)	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(84AA83)

Conversions

Conversions Part 1

Format	Color
Hex	84AA83
RGB	132, 170, 131
RGB Percent	52%, 67%, 51%
CMY	0.4824, 0.3333, 0.4863
CMYK	0.22, 0.00, 0.23, 0.33
HSL	118°, 19%, 59%
HSV	118°, 23%, 67%
XYZ	27.9872, 35.2937, 26.8100
YIQ	154.1920, -10.1290, -20.1850

Conversions

Conversions Part 2

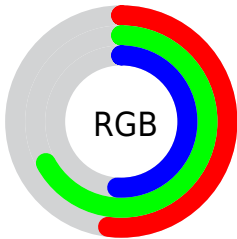
Format	Color
RYB	131, 170, 169
Decimal	8694403
CIELab	65.98, -20.71, 15.98
CIELCh	66, 26.158, 142.334
Yxy	35.2937, 0.3107, 0.3918
Android (android.graphics.Color)	4286884483 (0xFF84AA83)
YUV	154.1920, -11.4337, -19.4624
Hunter-Lab	59.4085, -19.8740, 14.8294

Details

The Hex color **84AA83** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A983AA**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BAE1B8**, and **527651** is the 20% darker color. If you saturate the color by 10%, you get **73AA72**, and if you desaturate by 10%, it is **95AA94**.

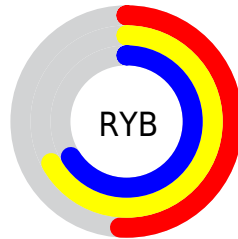
Distribution



Red (52%)

Green (67%)

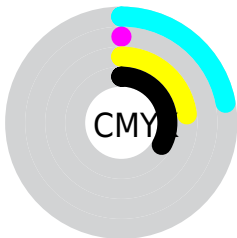
Blue (51%)



Red (51%)

Yellow (67%)

Blue (66%)

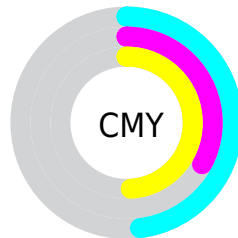


Cyan (22%)

Magenta (0%)

Yellow (23%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84AA83 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 84AA83 by changing the saturation by 10% instead.



84AA83



84AA83

FFFFFF



6A8F6A



BAE1B8



527651



D6FED4



3A5D3A



F2FFF0



224524



0B2E0F



001B00



000000



84AA83



84AA83



73AA72



95AA94

 63AA61

 A5AAA5

 52AA50

 B6AAB6

 42AA3F

 C6AAC7

 31AA2E

 D7AAD8

 21AA1D

 E7AAE9

 10AA0C

 F8AAFA

 04AA00

 FFAAFF

Harmonies

Analogous

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



9FA475



84AA83



6AAD99

Triad

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



84AA83



7AA4CE



D09090

Complementary

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



84AA83



A983AA

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.



CB90A7



84AA83



9C9CCC

Square

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



84AA83



5FAAC5



B995BD



C8957C

Rectangle

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



84AA83



5DADA9



B995BD



D08F97

Sweetspot

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



84AA83



CFDECE



AAA983



677067



F0F0F0



707070

Same Dimension

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



84AA83



A1DEA0



83AA95



4C544C



049400



011400

Inverse Universe

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



A983AA



DCA0DE



AA8398



544C54



900094



140014

Previews

White Background



This preview shows how the Hex color 84AA83 looks on a white background.

Color Contrast Check

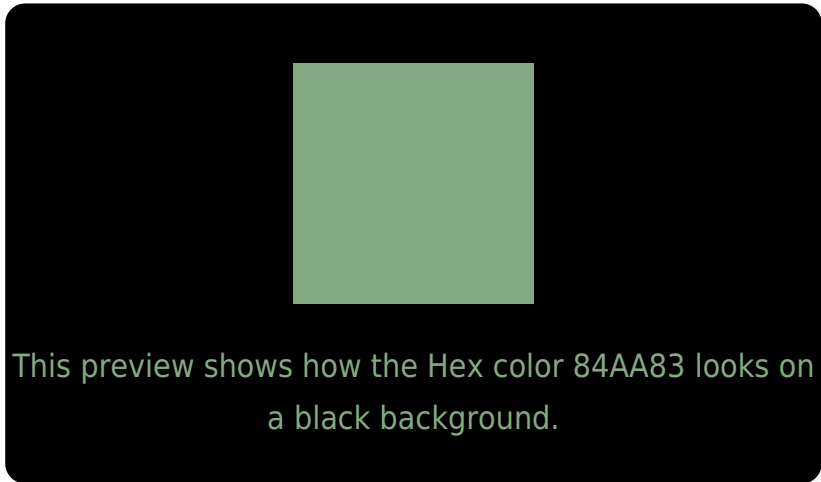
Large Text (above 18pt) WCAG AA × Fail

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

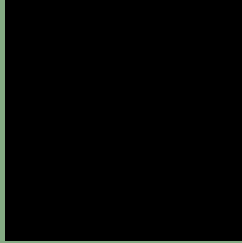
Any Text WCAG AA ✓ Pass

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 84AA83 Background



This preview shows how black text looks on a background with the Hex color 84AA83.

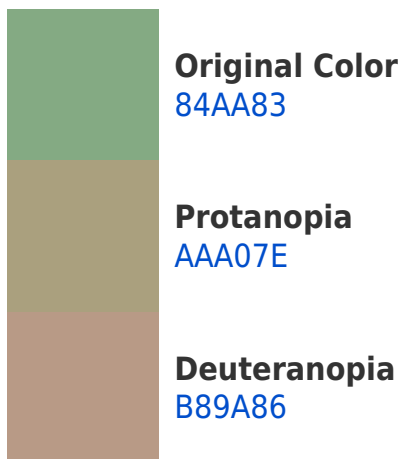


This preview shows how white text looks on a background with the Hex color 84AA83.

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](#).

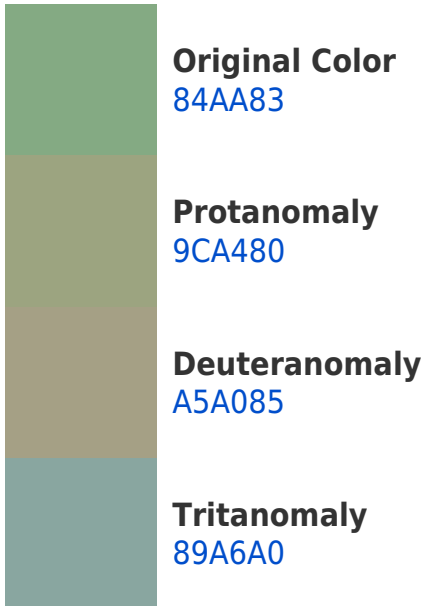
Dichromacy



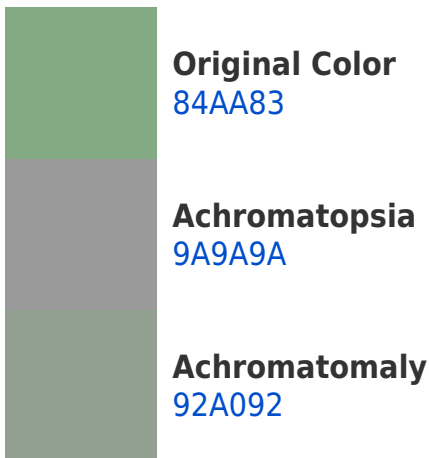


Tritanopia
8CA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84AA83 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 #84AA83 looks like.

```
.text, #text, p{  
    color:#84AA83  
}
```

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 #84AA83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84AA83
}
```

Border

The CSS property to change the border of an element to Hex 84AA83 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
#84AA83 }
```

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

```
.border{ border-color:#84AA83 }
```

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

Here you see how a box with a 4 pixel #84AA83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84AA83; -webkit-box-shadow:4px 4px  
4px 4px #84AA83; box-shadow:4px 4px 4px  
4px #84AA83 }
```

Background

The CSS property to change the background color of an element to Hex 84AA83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84AA83 }
```

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

```
.background{ background-color:#84AA83 }
```

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