

Converting Colors

Hex(83A967)

Have a look what the booklet for
Hex(83A967) contains.

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Color

Hex(83A967)

Conversions

Conversions Part 1

Format	Color
Hex	83A967
RGB	131, 169, 103
RGB Percent	51%, 66%, 40%
CMY	0.4863, 0.3373, 0.5961
CMYK	0.22, 0.00, 0.39, 0.34
HSL	95°, 28%, 53%
HSV	95°, 39%, 66%
XYZ	25.9962, 34.1805, 18.0593
YIQ	150.1140, -1.4620, -28.5820

Conversions

Conversions Part 2

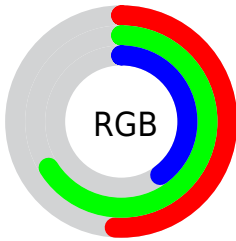
Format	Color
RYB	103, 169, 141
Decimal	8628583
CIELab	65.11, -25.03, 29.95
CIELCh	65, 39.035, 129.890
Yxy	34.1805, 0.3323, 0.4369
Android (android.graphics.Color)	4286818663 (0xFF83A967)
YUV	150.1140, -23.2272, -16.7630
Hunter-Lab	58.4641, -22.9416, 22.6104

Details

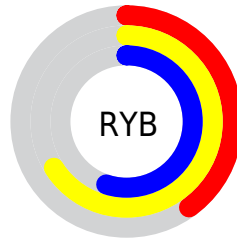
The Hex color **83A967** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8D67A9**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B9E09B**, and **507537** is the 20% darker color. If you saturate the color by 10%, you get **79A956**, and if you desaturate by 10%, it is **8DA978**.

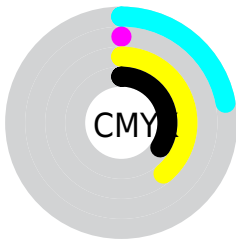
Distribution



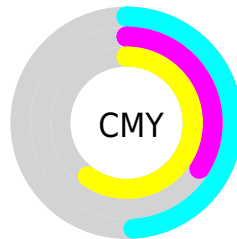
- Red (51%)
- Green (66%)
- Blue (40%)



- Red (40%)
- Yellow (66%)
- Blue (55%)



- Cyan (22%)
- Magenta (0%)
- Yellow (39%)
- Black (34%)



- Cyan (49%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A967 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 83A967 by changing the saturation by 10% instead.



83A967



83A967

FFFFFF



698E4E



B9E09B



507537



D5FDB6



375C1F



F2FFD2



1F4407



FFFFEE



082D00



001A00



000000



83A967



83A967



79A956



8DA978

 70A945

 96A989

 66A934

 A0A99A

 5CA923

 AAA9AB

 52A913

 B4A9BB

 49A902

 BDA9CC

 48A900

 C7A9DD

 D1A9EE

 DBA9FF

Harmonies

Analogous

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



A9A058



83A967



56AF85

Triad

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



83A967



37A8DF



E18294

Complementary

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



83A967



8D67A9

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.



D386B7



83A967



7D9EE3

Square

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



83A967



00AECA



B191D4



DC8873

Rectangle

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



83A967



2EB09D



B191D4



DF82A0

Sweetspot

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



83A967



CCDBC1



A98C67



656E5E



EDEDED



6E6E6E

Same Dimension

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



83A967



A0DB74



67A96B



4F544C



3F9400



091400

Inverse Universe

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



8D67A9



B074DB



A967A5



514C54



550094



0C0014

Previews

White Background



This preview shows how the Hex color 83A967 looks on a white background.

Color Contrast Check

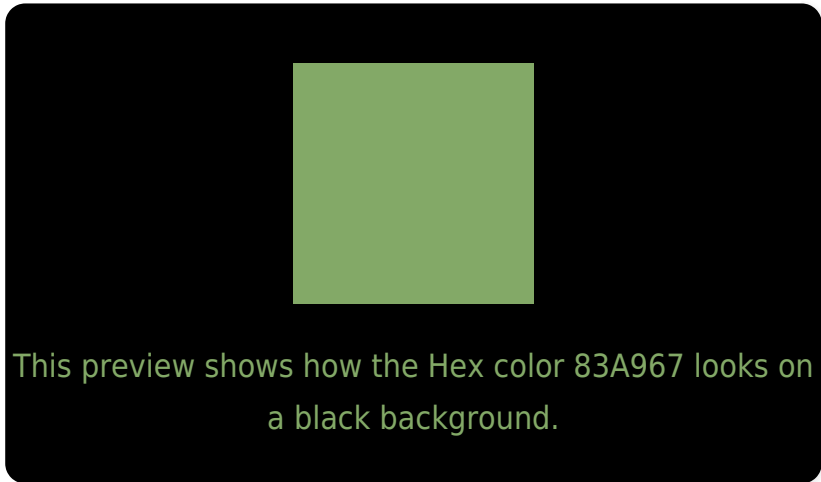
Large Text (above 18pt) WCAG AA × Fail

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

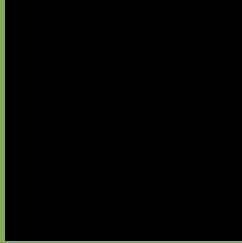
Any Text WCAG AA ✓ Pass

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 83A967 Background



This preview shows how black text looks on a background with the Hex color 83A967.

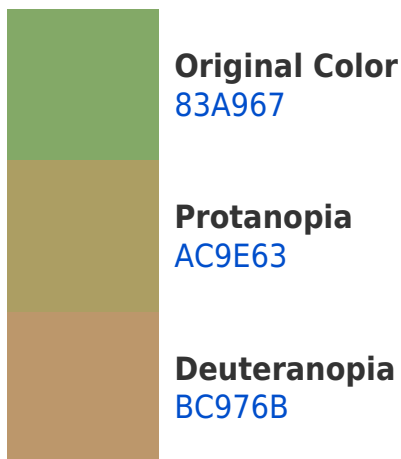


This preview shows how white text looks on a background with the Hex color 83A967.

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](#).

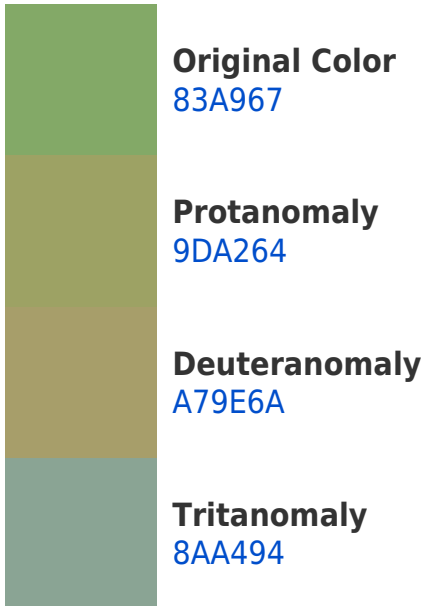
Dichromacy



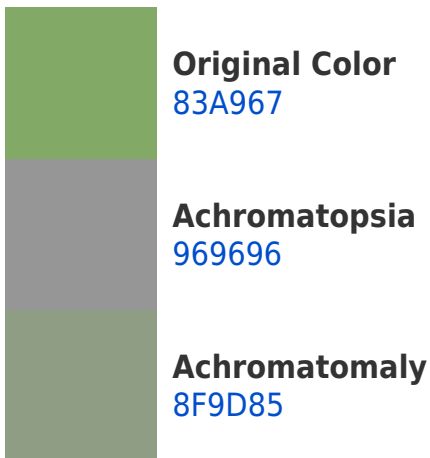


Tritanopia
8EA1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A967 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 #83A967 looks like.

```
.text, #text, p{  
    color:#83A967  
}
```

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 #83A967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A967
}
```

Border

The CSS property to change the border of an element to Hex 83A967 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
#83A967 }
```

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

```
.border{ border-color:#83A967 }
```

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

Here you see how a box with a 4 pixel #83A967 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A967; -webkit-box-shadow:4px 4px  
4px 4px #83A967; box-shadow:4px 4px 4px  
4px #83A967 }
```

Background

The CSS property to change the background color of an element to Hex 83A967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A967 }
```

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

```
.background{ background-color:#83A967 }
```

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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