

Converting Colors

Hex(83A877)

Have a look what the booklet for
Hex(83A877) contains.

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Color

Hex(83A877)

Conversions

Conversions Part 1

Format	Color
Hex	83A877
RGB	131, 168, 119
RGB Percent	51%, 66%, 47%
CMY	0.4863, 0.3412, 0.5333
CMYK	0.22, 0.00, 0.29, 0.34
HSL	105°, 22%, 56%
HSV	105°, 29%, 66%
XYZ	26.6925, 34.1625, 22.6399
YIQ	151.3510, -6.3230, -23.0830

Conversions

Conversions Part 2

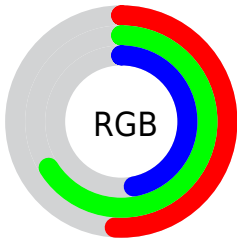
Format	Color
RYB	119, 168, 156
Decimal	8628343
CIELab	65.09, -22.10, 21.33
CIElCh	65, 30.712, 136.021
Yxy	34.1625, 0.3197, 0.4092
Android (android.graphics.Color)	4286818423 (0xFF83A877)
YUV	151.3510, -15.9490, -17.8478
Hunter-Lab	58.4487, -20.7674, 17.9482

Details

The Hex color **83A877** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9C77A8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B9DFAC**, and **507446** is the 20% darker color. If you saturate the color by 10%, you get **76A866**, and if you desaturate by 10%, it is **90A888**.

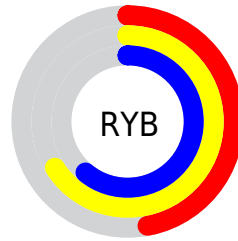
Distribution



Red (51%)

Green (66%)

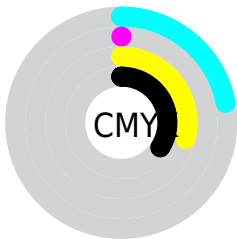
Blue (47%)



Red (47%)

Yellow (66%)

Blue (61%)

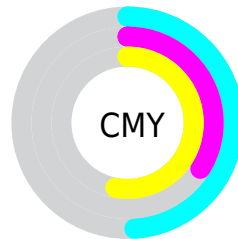


Cyan (22%)

Magenta (0%)

Yellow (29%)

Black (34%)



Cyan (49%)

Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A877 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 83A877 by changing the saturation by 10% instead.



83A877



83A877

FFFFFF



698D5E



B9DFAC



507446



D5FCC7



385B2F



F1FFE3



214319



0B2D00



001A00



000000



83A877



83A877



76A866



90A888

 6AA855

 9CA899

 5DA845

 A9A8A9

 50A834

 B6A8BA

 44A823

 C2A8CB

 37A812

 CFA8DC

 2AA801

 DCA8ED

 29A800

 E8A8FD

 F5A8FF

Harmonies

Analogous

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



A2A169



83A877



62AC90

Triad

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



83A877



65A4D3



D58A90

Complementary

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



83A877



9C77A8

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.



CC8BAC



83A877



8F9CD3

Square

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



83A877



44AAC5



B492C4



CF8F78

Rectangle

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



83A877



4EADA3



B492C4



D38999

Sweetspot

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



83A877



CCDBC8



A89C77



656E62



EDEDED



6E6E6E

Same Dimension

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



83A877



A1DB8F



77A883



4E544C



249400



051400

Inverse Universe

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



9C77A8



C98FDB



A8779C



524C54



700094



0F0014

Previews

White Background



This preview shows how the Hex color 83A877 looks on a white background.

Color Contrast Check

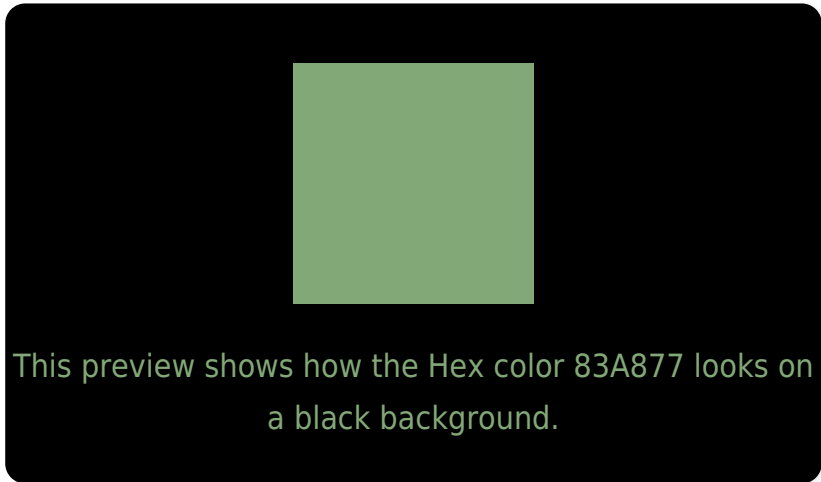
Large Text (above 18pt) WCAG AA × Fail

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

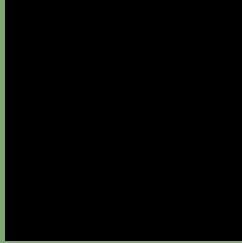
Any Text WCAG AA ✓ Pass

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 83A877 Background



This preview shows how black text looks on a background with the Hex color 83A877.



This preview shows how white text looks on a background with the Hex color 83A877.

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](#).

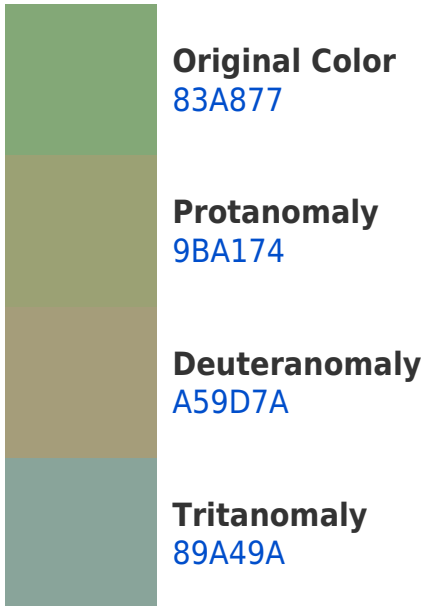
Dichromacy



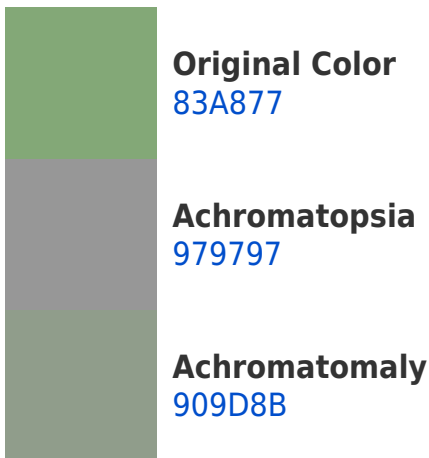


Tritanopia
8CA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A877 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 #83A877 looks like.

```
.text, #text, p{  
    color:#83A877  
}
```

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 #83A877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A877
}
```

Border

The CSS property to change the border of an element to Hex 83A877 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
#83A877 }
```

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

```
.border{ border-color:#83A877 }
```

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

Here you see how a box with a 4 pixel #83A877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A877; -webkit-box-shadow:4px 4px  
4px 4px #83A877; box-shadow:4px 4px 4px  
4px #83A877 }
```

Background

The CSS property to change the background color of an element to Hex 83A877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A877 }
```

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

```
.background{ background-color:#83A877 }
```

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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