

Converting Colors

Hex(83AC94)

Have a look what the booklet for
Hex(83AC94) contains.

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Color

Hex(83AC94)

Conversions

Conversions Part 1

Format	Color
Hex	83AC94
RGB	131, 172, 148
RGB Percent	51%, 67%, 58%
CMY	0.4863, 0.3255, 0.4196
CMYK	0.24, 0.00, 0.14, 0.33
HSL	145°, 20%, 59%
HSV	145°, 24%, 67%
XYZ	29.4579, 36.4685, 33.5035
YIQ	157.0050, -16.7320, -16.1560

Conversions

Conversions Part 2

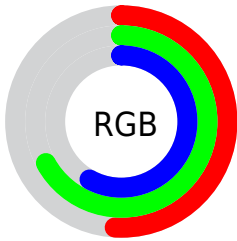
Format	Color
RYB	131, 160, 172
Decimal	8629396
CIELab	66.88, -18.86, 7.87
CIElCh	67, 20.432, 157.352
Yxy	36.4685, 0.2963, 0.3668
Android (android.graphics.Color)	4286819476 (0xFF83AC94)
YUV	157.0050, -4.4395, -22.8064
Hunter-Lab	60.3891, -18.6084, 9.3787

Details

The Hex color **83AC94** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC839B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B9E4CA**, and **517861** is the 20% darker color. If you saturate the color by 10%, you get **72AC8A**, and if you desaturate by 10%, it is **94AC9E**.

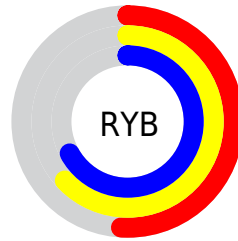
Distribution



Red (51%)

Green (67%)

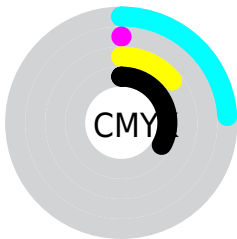
Blue (58%)



Red (51%)

Yellow (63%)

Blue (67%)

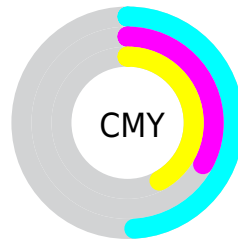


Cyan (24%)

Magenta (0%)

Yellow (14%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83AC94 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 83AC94 by changing the saturation by 10% instead.



83AC94



83AC94

FFFFFF



69917A



B9E4CA



517861



D5FFE6



395F4A



F1FFFF



214733



09301E



001C05



000000



83AC94



83AC94



72AC8A



94AC9E

 61AC80

 A5ACA8

 4FAC76

 B7ACB2

 3EAC6C

 C8ACBC

 2DAC62

 D9ACC6

 1CAC58

 EAACD0

 0BAC4E

 FBACDA

 00AC47

 FFACE5

 FFACEF

Harmonies

Analogous

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



98A885



83AC94



74ADA7

Triad

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



83AC94



93A3C7



C7988D

Complementary

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



83AC94



AC839B

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.



C8969F



83AC94



AC9DC0

Square

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



83AC94



7CA8C4



BE97B1



BD9D81

Rectangle

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



83AC94



6FADB3



BE97B1



C99793

Sweetspot

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



83AC94



D1E0D7



9CAC83



67706B



F0F0F0



707070

Same Dimension

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



83AC94



9FE0BA



83ACA8



4E5752



00963E



00170A

Inverse Universe

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



AC839B



E09FC5



AC8387



574E53



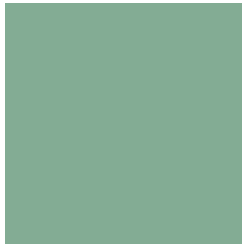
960058



17000D

Previews

White Background



This preview shows how the Hex color 83AC94 looks on a white background.

Color Contrast Check

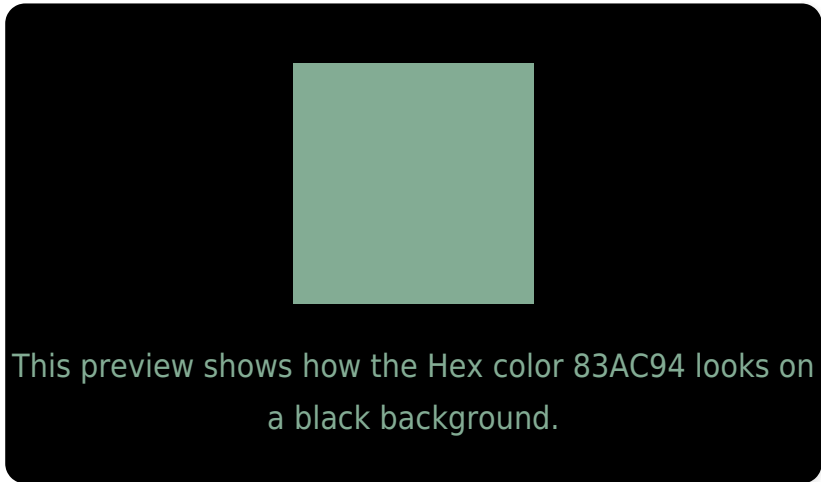
Large Text (above 18pt) WCAG AA × Fail

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

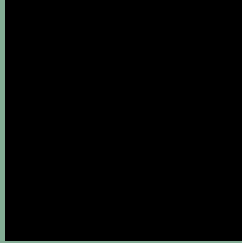
Any Text WCAG AA ✓ Pass

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 83AC94 Background



This preview shows how black text looks on a background with the Hex color 83AC94.

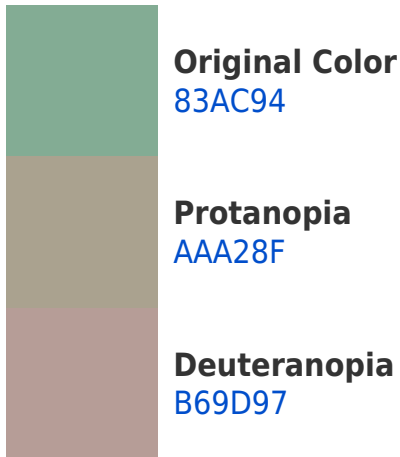


This preview shows how white text looks on a background with the Hex color 83AC94.

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
89A7B5

Trichromacy



Original Color
83AC94

Protanomaly
9CA691

Deuteranomaly
A3A296

Tritanomaly
87A9A9

Monochromacy



Original Color
83AC94

Achromatopsia
9D9D9D

Achromatomaly
94A29A

CSS Examples

Text

The CSS property to change the color of the text to Hex 83AC94 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 #83AC94 looks like.

```
.text, #text, p{  
    color:#83AC94  
}
```

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 #83AC94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AC94
}
```

Border

The CSS property to change the border of an element to Hex 83AC94 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
#83AC94 }
```

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

```
.border{ border-color:#83AC94 }
```

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

Here you see how a box with a 4 pixel #83AC94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AC94; -webkit-box-shadow:4px 4px  
4px 4px #83AC94; box-shadow:4px 4px 4px  
4px #83AC94 }
```

Background

The CSS property to change the background color of an element to Hex 83AC94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AC94 }
```

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

```
.background{ background-color:#83AC94 }
```

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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