

Converting Colors

Hex(83AF9F)

Have a look what the booklet for
Hex(83AF9F) contains.

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Color

Hex(83AF9F)

Conversions

Conversions Part 1

Format	Color
Hex	83AF9F
RGB	131, 175, 159
RGB Percent	51%, 69%, 62%
CMY	0.4863, 0.3137, 0.3765
CMYK	0.25, 0.00, 0.09, 0.31
HSL	158°, 22%, 60%
HSV	158°, 25%, 69%
XYZ	30.9481, 37.9884, 38.5023
YIQ	160.0200, -21.0880, -14.3040

Conversions

Conversions Part 2

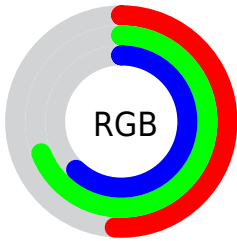
Format	Color
RYB	131, 158, 175
Decimal	8630175
CIELab	68.01, -18.14, 3.42
CIElCh	68, 18.459, 169.325
Yxy	37.9884, 0.2881, 0.3536
Android (android.graphics.Color)	4286820255 (0xFF83AF9F)
YUV	160.0200, -0.5029, -25.4505
Hunter-Lab	61.6348, -18.2324, 6.1068

Details

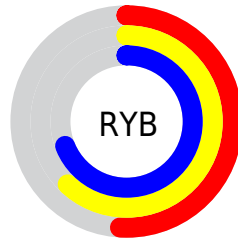
The Hex color **83AF9F** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AF8393**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B9E7D6**, and **507A6C** is the 20% darker color. If you saturate the color by 10%, you get **71AF99**, and if you desaturate by 10%, it is **94AFA5**.

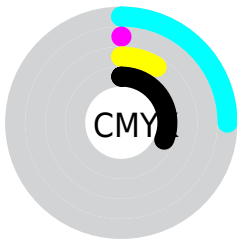
Distribution



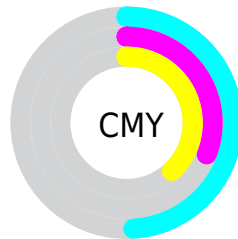
- Red (51%)
- Green (69%)
- Blue (62%)



- Red (51%)
- Yellow (62%)
- Blue (69%)



- Cyan (25%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83AF9F 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 83AF9F by changing the saturation by 10% instead.



83AF9F



83AF9F

FFFFFF



699485



B9E7D6



507A6C



D5FFF2



386153



F1FFFF



20493C



073327



001E12



000000



83AF9F



83AF9F



71AF99



94AFA5

60AF92

A6AFAC

4EAF8C

B8AFB2

3DAF86

C9AFB8

2BAF7F

DBAFBF

1AAF79

ECAFC5

08AF72

FDAFCC

00AF6F

FFAFD2

FFAFD8

Harmonies

Analogous

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



94AC90



83AF9F



79AFB0

Triad

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



83AF9F



A1A4C5



C49D8D

Complementary

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



83AF9F



AF8393

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.



C99A9B



83AF9F



B69EBC

Square

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



83AF9F



8BA9C6



C49BAC



B8A385

Rectangle

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



83AF9F



79AEBA



C49BAC



C79C91

Sweetspot

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



83AF9F



D1E3DC



93AF83



67736F



F2F2F2



737373

Same Dimension

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



83AF9F



9FE3CA



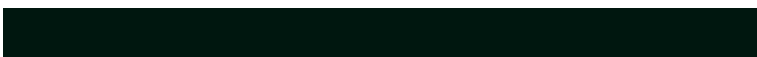
83A9AF



4E5754



009660



00170F

Inverse Universe

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



AF8393



E39FB8



AF8983



574E51



960037



170008

Previews

White Background



This preview shows how the Hex color 83AF9F looks on a white background.

Color Contrast Check

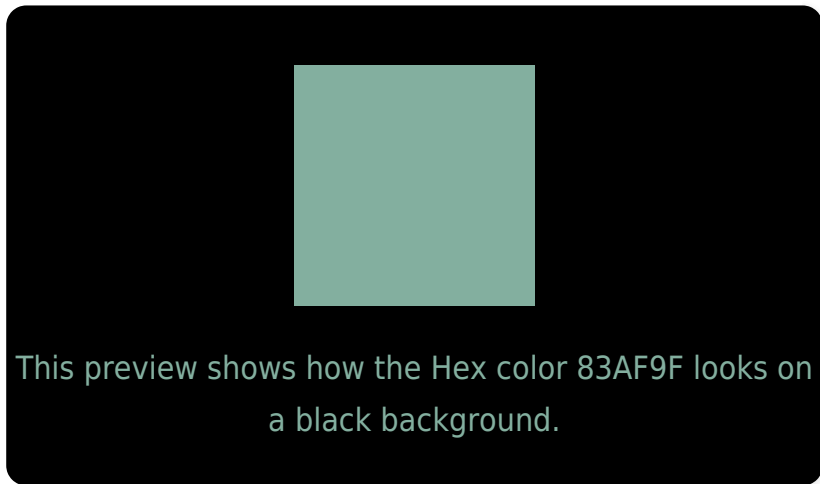
Large Text (above 18pt) WCAG AA × Fail

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

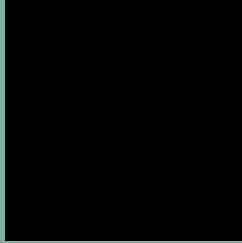
Any Text WCAG AA ✓ Pass

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 83AF9F Background



This preview shows how black text looks on a background with the Hex color 83AF9F.

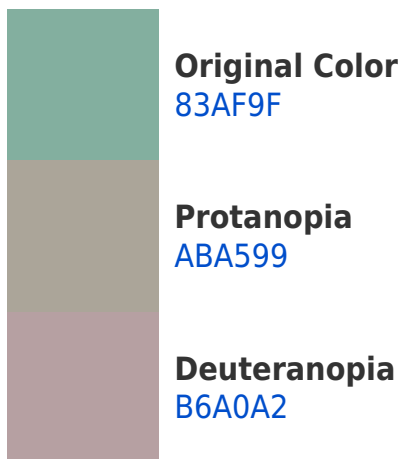


This preview shows how white text looks on a background with the Hex color 83AF9F.

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](#).

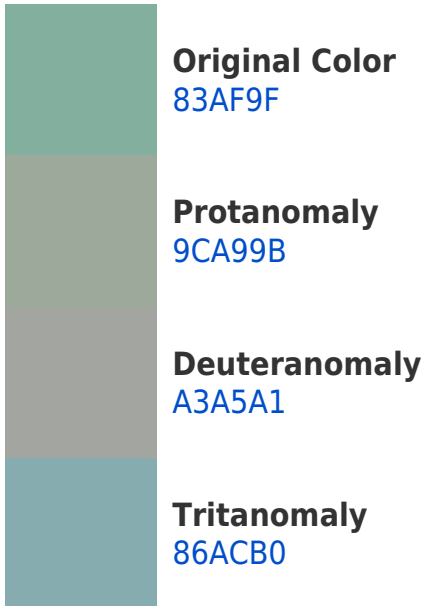
Dichromacy



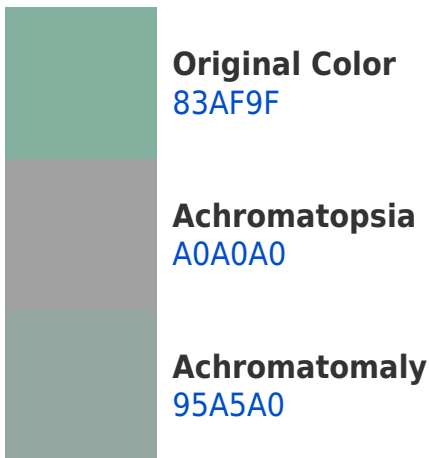


Tritanopia
88ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83AF9F 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 #83AF9F looks like.

```
.text, #text, p{  
    color:#83AF9F  
}
```

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 #83AF9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AF9F
}
```

Border

The CSS property to change the border of an element to Hex 83AF9F 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
#83AF9F }
```

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

```
.border{ border-color:#83AF9F }
```

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

Here you see how a box with a 4 pixel #83AF9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AF9F; -webkit-box-shadow:4px 4px  
4px 4px #83AF9F; box-shadow:4px 4px 4px  
4px #83AF9F }
```

Background

The CSS property to change the background color of an element to Hex 83AF9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AF9F }
```

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

```
.background{ background-color:#83AF9F }
```

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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