

Converting Colors

Hex(83AAAF)

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

Hex(83AAAF)	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(83AAAF)

Conversions

Conversions Part 1

Format	Color
Hex	83AAAF
RGB	131, 170, 175
RGB Percent	51%, 67%, 69%
CMY	0.4863, 0.3333, 0.3137
CMYK	0.25, 0.03, 0.00, 0.31
HSL	187°, 22%, 60%
HSV	187°, 25%, 69%
XYZ	31.4727, 36.6699, 45.9767
YIQ	158.9090, -24.8490, -6.7130

Conversions

Conversions Part 2

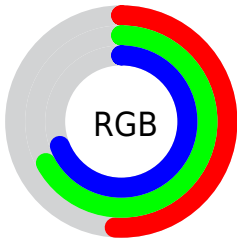
Format	Color
RYB	131, 152, 175
Decimal	8628911
CIELab	67.03, -11.97, -6.89
CIELCh	67, 13.811, 209.938
Yxy	36.6699, 0.2758, 0.3213
Android (android.graphics.Color)	4286818991 (0xFF83AAAF)
YUV	158.9090, 7.9329, -24.4762
Hunter-Lab	60.5557, -13.2004, -2.6267

Details

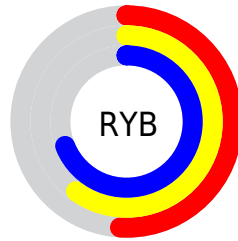
The Hex color **83AAAF** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AF8883**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B9E1E6**, and **50767B** is the 20% darker color. If you saturate the color by 10%, you get **71A8AF**, and if you desaturate by 10%, it is **94ACAF**.

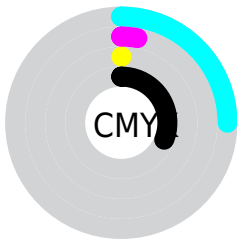
Distribution



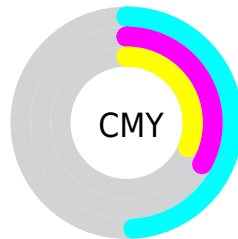
- Red (51%)
- Green (67%)
- Blue (69%)



- Red (51%)
- Yellow (60%)
- Blue (69%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

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



83AAAF



83AAAF

FFFFFF



698F94



B9E1E6



50767B



D5FEFF



385D62



F2FFFF



1F454A



052F33



001B1E



000004



000000



83AAAF



83AAAF

71A8AF

94ACAF

60A6AF

A6AEAF

4EA4AF

B8B0AF

3DA2AF

C9B2AF

2BA0AF

DBB4AF

1A9EAF

ECB6AF

089CAF

FDB8AF

009BAF

FFBAAF

FFBCAF

Harmonies

Analogous

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



87AAA3



83AAAF



89A8B8

Triad

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



83AAAF



B39CB0



ADA28A

Complementary

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



83AAAF



AF8883

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.



B89E8E



83AAAF



BC9BA4

Square

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



83AAAF



A6A0B9



BD9B97



9FA68D

Rectangle

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



83AAAF



91A5BB



BD9B97



B1A18B

Sweetspot

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



83AAAF



D1E1E3



83AF87



677173



F2F2F2



737373

Same Dimension

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



83AAAF



9FDBE3



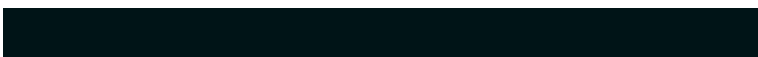
8395AF



4E5657



008596



001417

Inverse Universe

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



AF83AA



E39FDB



AF9D83



574E56



960085



170014

Previews

White Background



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

Color Contrast Check

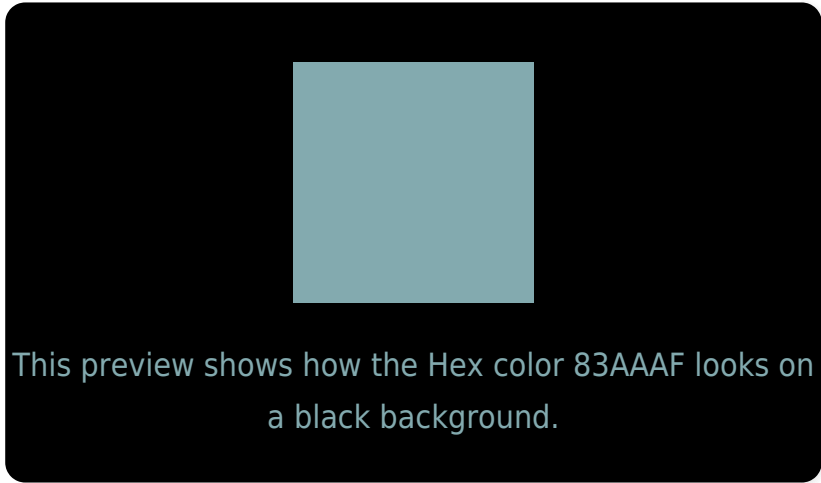
Large Text (above 18pt) WCAG AA × Fail

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

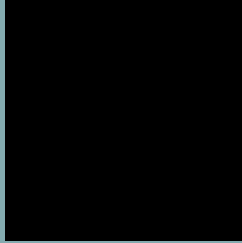
Any Text WCAG AA ✓ Pass

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 83AAAF Background



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

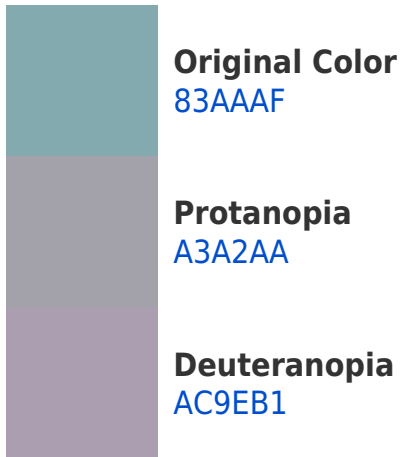


This preview shows how white text looks on a background with the Hex color 83AAAF.

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](#).

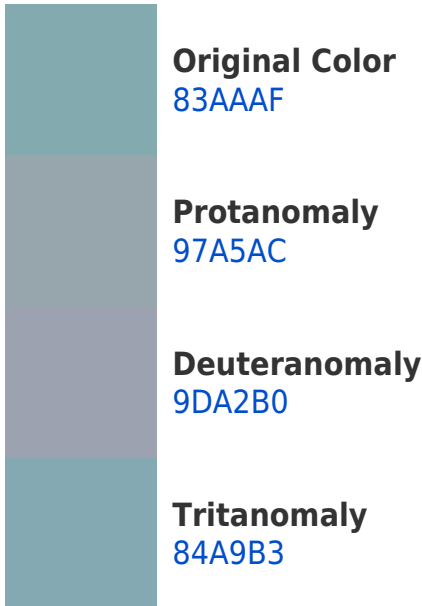
Dichromacy



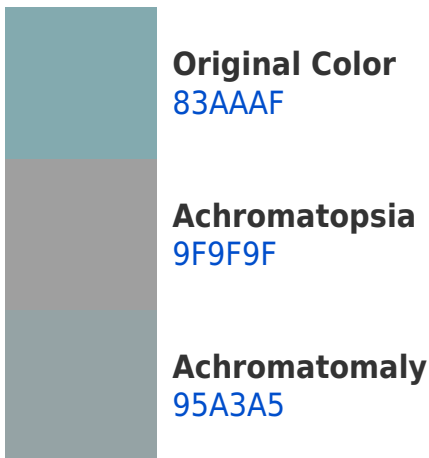


Tritanopia
85A9B6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #83AAAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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