

Converting Colors

Hex(83AB90)

Have a look what the booklet for
Hex(83AB90) contains.

Hex(83AB90)	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(83AB90)

Conversions

Conversions Part 1

Format	Color
Hex	83AB90
RGB	131, 171, 144
RGB Percent	51%, 67%, 56%
CMY	0.4863, 0.3294, 0.4353
CMYK	0.23, 0.00, 0.16, 0.33
HSL	140°, 19%, 59%
HSV	140°, 23%, 67%
XYZ	28.9570, 35.9647, 31.8012
YIQ	155.9620, -15.1730, -16.8770

Conversions

Conversions Part 2

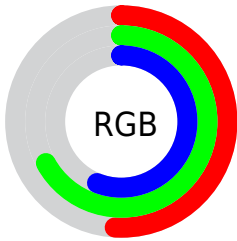
Format	Color
RYB	131, 161, 171
Decimal	8629136
CIELab	66.49, -19.13, 9.53
CIELCh	66, 21.376, 153.514
Yxy	35.9647, 0.2994, 0.3718
Android (android.graphics.Color)	4286819216 (0xFF83AB90)
YUV	155.9620, -5.8973, -21.8917
Hunter-Lab	59.9706, -18.7592, 10.5391

Details

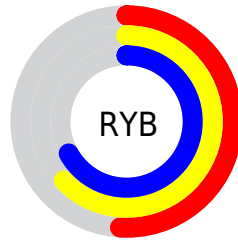
The Hex color **83AB90** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AB839E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B9E2C6**, and **51775E** is the 20% darker color. If you saturate the color by 10%, you get **72AB84**, and if you desaturate by 10%, it is **94AB9C**.

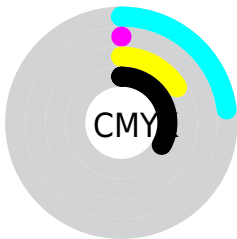
Distribution



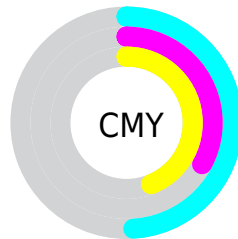
- Red (51%)
- Green (67%)
- Blue (56%)



- Red (51%)
- Yellow (63%)
- Blue (67%)



- Cyan (23%)
- Magenta (0%)
- Yellow (16%)
- Black (33%)



- Cyan (49%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83AB90 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 83AB90 by changing the saturation by 10% instead.



83AB90



83AB90

FFFFFF



699076



B9E2C6



51775E



D5FFE2



395E46



F1FFFE



224630



0A2F1B



001C00



000000



83AB90



83AB90



72AB84



94AB9C

 61AB79

 A5ABA7

 50AB6D

 B6ABB3

 3FAB62

 C7ABBE

 2DAB56

 D8ABCA

 1CAB4B

 EAABD5

 0BAB3F

 FBABE1

 00AB38

 FFABEC

 FFABF8

Harmonies

Analogous

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



99A781



83AB90



71ADA3

Triad

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



83AB90



8EA3C8



C8968D

Complementary

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



83AB90



AB839E

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.



C894A0



83AB90



A89CC2

Square

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



83AB90



77A8C3



BD96B3



BF9B80

Rectangle

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



83AB90



6CACB0



BD96B3



C99593

Sweetspot

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



83AB90



CEDED3



9EAB83



67706A



F0F0F0



707070

Same Dimension

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



83AB90



A0DEB4



83ABA4



4E5751



009631



001707

Inverse Universe

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



AB839E



DEA0CA



AB838A



574E54



960066



17000F

Previews

White Background



This preview shows how the Hex color 83AB90 looks on a white background.

Color Contrast Check

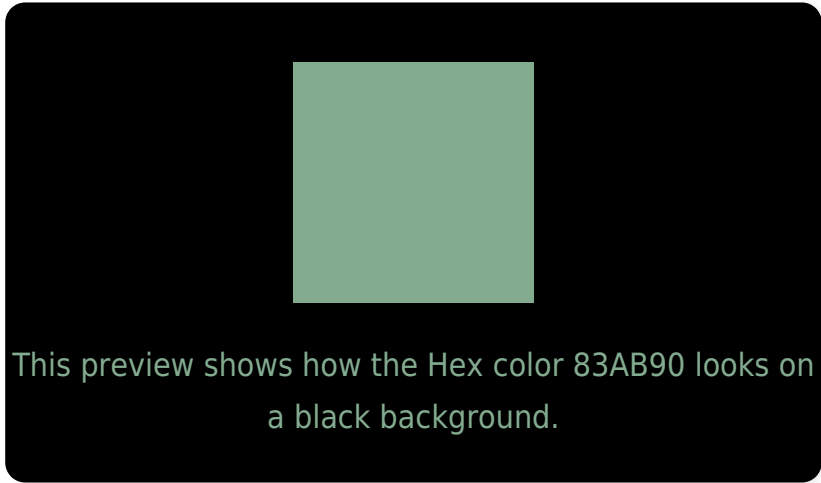
Large Text (above 18pt) WCAG AA × Fail

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

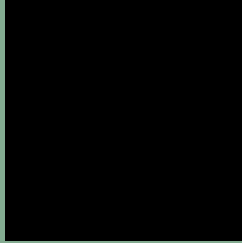
Any Text WCAG AA ✓ Pass

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 83AB90 Background



This preview shows how black text looks on a background with the Hex color 83AB90.

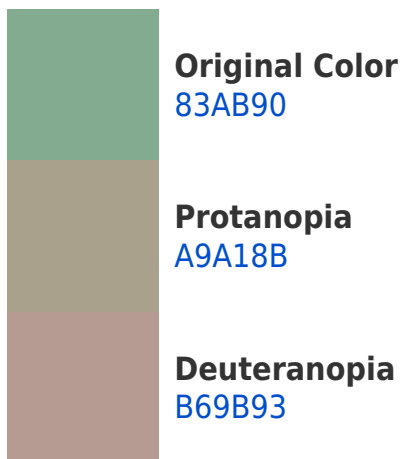


This preview shows how white text looks on a background with the Hex color 83AB90.

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](#).

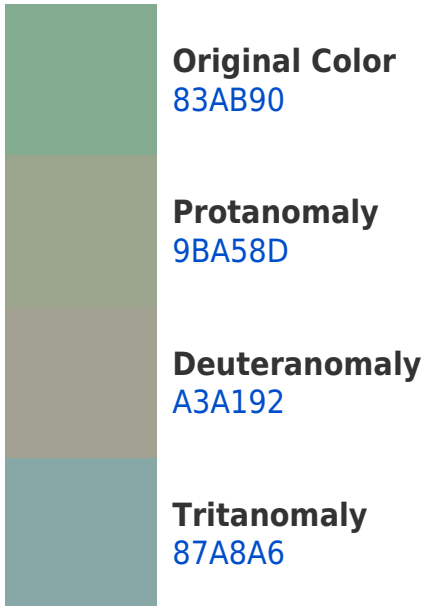
Dichromacy



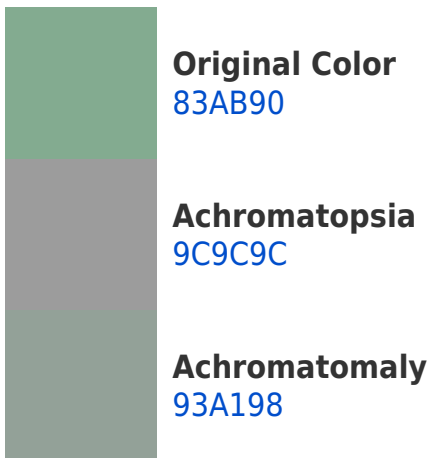


Tritanopia
8AA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83AB90 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 #83AB90 looks like.

```
.text, #text, p{  
    color:#83AB90  
}
```

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 #83AB90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AB90
}
```

Border

The CSS property to change the border of an element to Hex 83AB90 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
#83AB90 }
```

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

```
.border{ border-color:#83AB90 }
```

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

Here you see how a box with a 4 pixel #83AB90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AB90; -webkit-box-shadow:4px 4px  
4px 4px #83AB90; box-shadow:4px 4px 4px  
4px #83AB90 }
```

Background

The CSS property to change the background color of an element to Hex 83AB90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AB90 }
```

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

```
.background{ background-color:#83AB90 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor