

# Converting Colors

Hex(83AB95)

Have a look what the booklet for  
Hex(83AB95) contains.

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# **Color**

**Hex(83AB95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83AB95
RGB	131, 171, 149
RGB Percent	51%, 67%, 58%
CMY	0.4863, 0.3294, 0.4157
CMYK	0.23, 0.00, 0.13, 0.33
HSL	147°, 19%, 59%
HSV	147°, 23%, 67%
XYZ	29.3478, 36.1210, 33.8590
YIQ	156.5320, -16.7780, -15.3220

# Conversions

## Conversions Part 2

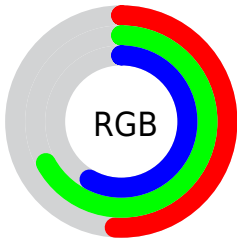
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 159, 171
Decimal	8629141
CIELab	66.61, -18.14, 6.94
CIELCh	67, 19.421, 159.074
Yxy	36.1210, 0.2955, 0.3637
Android (android.graphics.Color)	4286819221 (0xFF83AB95)
YUV	156.5320, -3.7133, -22.3916
Hunter-Lab	60.1008, -18.0131, 8.6683

# Details

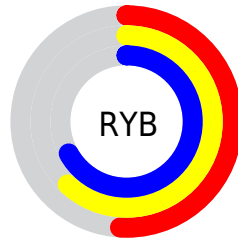
The Hex color **83AB95** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AB8399**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B9E2CB**, and **517762** is the 20% darker color. If you saturate the color by 10%, you get **72AB8C**, and if you desaturate by 10%, it is **94AB9E**.

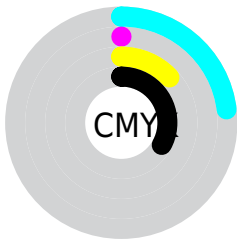
# Distribution



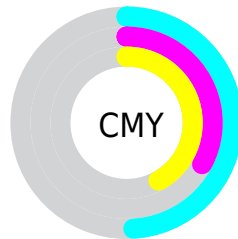
- Red (51%)
- Green (67%)
- Blue (58%)



- Red (51%)
- Yellow (62%)
- Blue (67%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



- Cyan (49%)
- Magenta (33%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83AB95 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 83AB95 by changing the saturation by 10% instead.





83AB95



83AB95

FFFFFF



69907B



B9E2CB



517762



D5FFE7



395E4A



F1FFFF



214634



0A2F1F



001C06



000000



83AB95



83AB95



72AB8C



94AB9E

 61AB82

 A5ABA8

 50AB79

 B6ABB1

 3FAB6F

 C7ABBB

 2DAB66

 D8ABC4

 1CAB5D

 EAABCD

 0BAB53

 FBABD7

 00AB4D

 FFABE0

 FFABEA

# Harmonies

## Analogous

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



96A887



83AB95



75ACA7

# Triad

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



83AB95



95A2C4



C4988D

# Complementary

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



83AB95



AB8399

# 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.



C6969D



83AB95



AC9CBD

# Square

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



83AB95



7FA7C2



BD97AF



BA9D82

# Rectangle

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



83AB95



72ACB2



BD97AF



C69792



# Sweetspot

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



83AB95



CEDED5



99AB83



67706B



F0F0F0



707070



# Same Dimension

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



83AB95



A0DEBC



83ABA9



4E5752



009644



00170A



# Inverse Universe

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



AB8399



DEA0C2



AB8385



574E53



960053

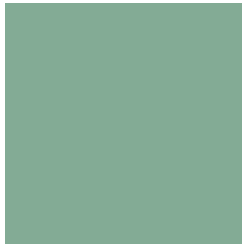


17000D



# Previews

## White Background



This preview shows how the Hex color 83AB95 looks on a white background.

## Color Contrast Check

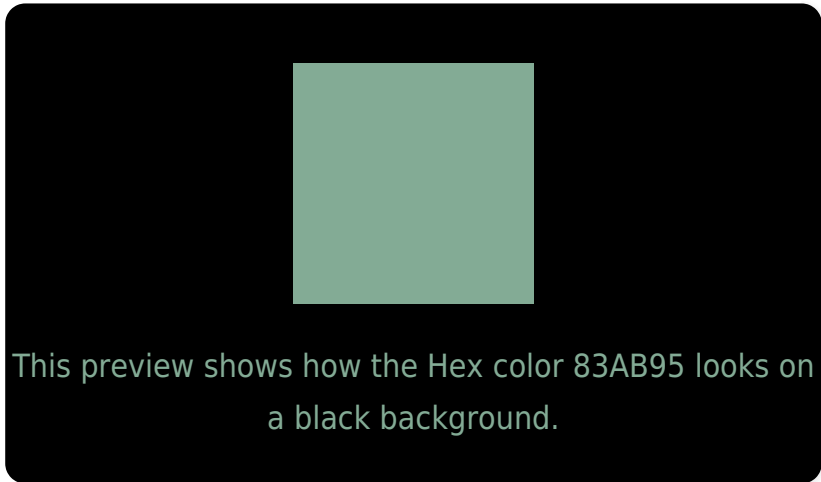
Large Text (above 18pt) WCAG AA × Fail

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

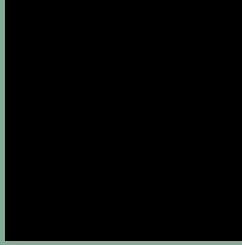
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83AB95 Background



This preview shows how black text looks on a background with the Hex color 83AB95.

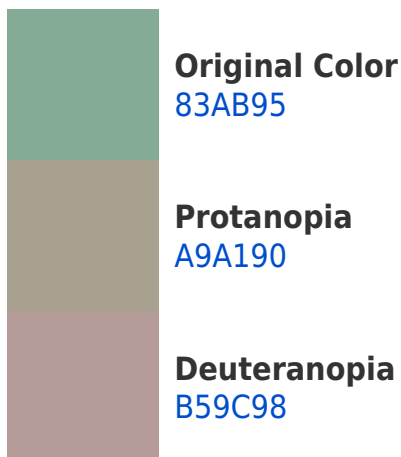


This preview shows how white text looks on a background with the Hex color 83AB95.

# 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](#).

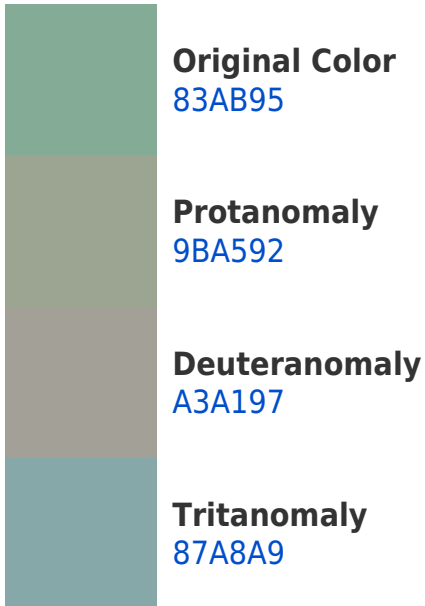
## Dichromacy



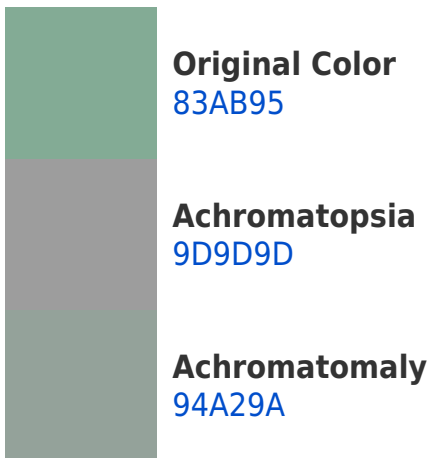


**Tritanopia**  
89A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83AB95 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 #83AB95 looks like.

```
.text, #text, p{  
    color:#83AB95  
}
```

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 #83AB95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AB95  
}
```

## Border

The CSS property to change the border of an element to Hex 83AB95 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  
#83AB95 }
```

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

```
.border{ border-color:#83AB95 }
```

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

Here you see how a box with a 4 pixel #83AB95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AB95; -webkit-box-shadow:4px 4px  
4px 4px #83AB95; box-shadow:4px 4px 4px  
4px #83AB95 }
```

# Background

The CSS property to change the background color of an element to Hex 83AB95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AB95 }
```

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

```
.background{ background-color:#83AB95 }
```

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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