

# Converting Colors

Hex(85ADB3)

Have a look what the booklet for  
Hex(85ADB3) contains.

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# **Color**

**Hex(85ADB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85ADB3
RGB	133, 173, 179
RGB Percent	52%, 68%, 70%
CMY	0.4784, 0.3216, 0.2980
CMYK	0.26, 0.03, 0.00, 0.30
HSL	188°, 23%, 61%
HSV	188°, 26%, 70%
XYZ	32.7531, 38.1284, 48.2811
YIQ	161.7240, -25.7660, -6.6140

# Conversions

## Conversions Part 2

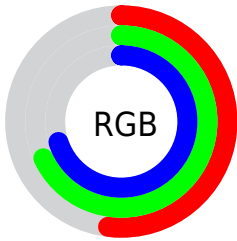
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 154, 179
Decimal	8760755
CIELab	68.12, -12.02, -7.49
CIELCh	68, 14.162, 211.908
Yxy	38.1284, 0.2749, 0.3200
Android (android.graphics.Color)	4286950835 (0xFF85ADB3)
YUV	161.7240, 8.5171, -25.1909
Hunter-Lab	61.7482, -13.3774, -3.1353

# Details

The Hex color **85ADB3** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B38B85**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BBE4EB**, and **52797E** is the 20% darker color. If you saturate the color by 10%, you get **73ABB3**, and if you desaturate by 10%, it is **97AFB3**.

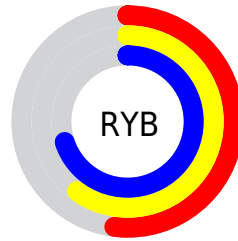
# Distribution



Red (52%)

Green (68%)

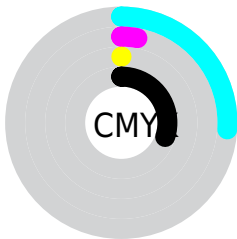
Blue (70%)



Red (52%)

Yellow (60%)

Blue (70%)

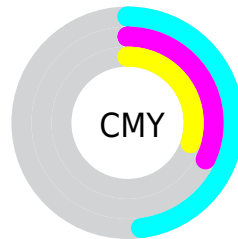


Cyan (26%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (48%)

Magenta (32%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85ADB3 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 85ADB3 by changing the saturation by 10% instead.





85ADB3



85ADB3

FFFFFF



6B9298



BBE4EB



52797E



D7FFFF



396065



F4FFFF



21484D



063137



001D21



00000A



000000



85ADB3



85ADB3

73ABB3

97AFB3

61A8B3

A9B2B3

4FA6B3

BBB4B3

3DA4B3

CDB6B3

2CA1B3

DFB9B3

1A9FB3

F0BBB3

089DB3

FFBDB3

009CB3

FFC0B3

FFC2B3

# Harmonies

## Analogous

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



88AEA6



85ADB3



8BABBC

# Triad

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



85ADB3



B89FB2



B0A58D

# Complementary

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



85ADB3



B38B85

# 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.



BBA190



85ADB3



C09DA6

# Square

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



85ADB3



AAA2BC



C19E99



A1A990

# Rectangle

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



85ADB3



94A8BF



C19E99



B4A48D



# Sweetspot

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



85ADB3



D5E6E8



85B38A



6A7475



F5F5F5



757575



# Same Dimension

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



85ADB3



A0DFE8



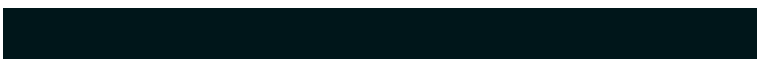
8597B3



505859



008599



00161A



# Inverse Universe

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



B385AD



E8A0DF



B3A185



595058



990085



1A0016



# Previews

## White Background



This preview shows how the Hex color 85ADB3 looks on a white background.

## Color Contrast Check

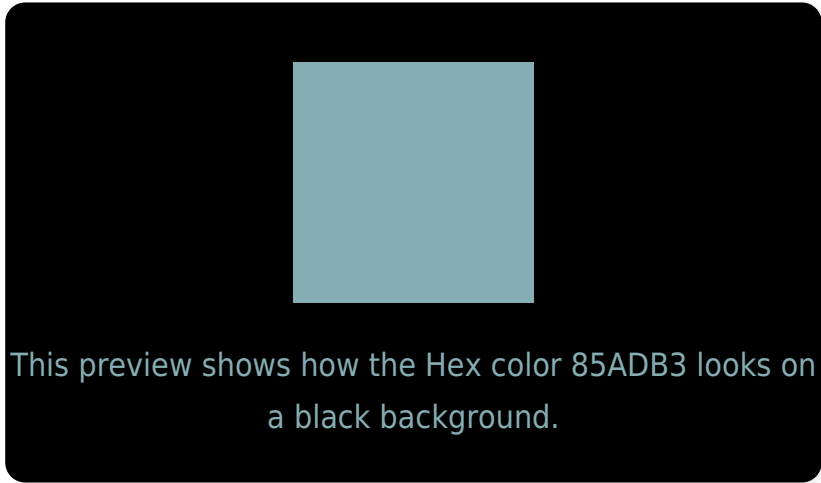
Large Text (above 18pt) WCAG AA × Fail

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

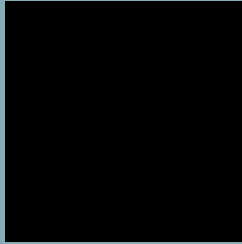
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85ADB3 Background



This preview shows how black text looks on a background with the Hex color 85ADB3.

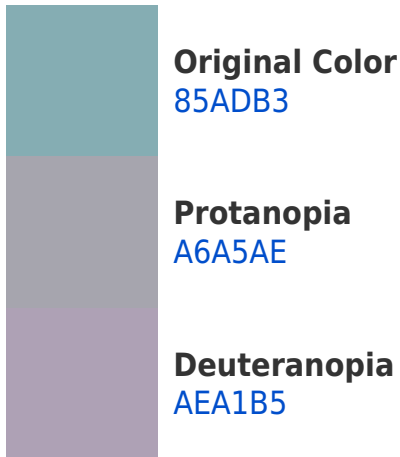


This preview shows how white text looks on a background with the Hex color 85ADB3.

# Color Blindness Simulation

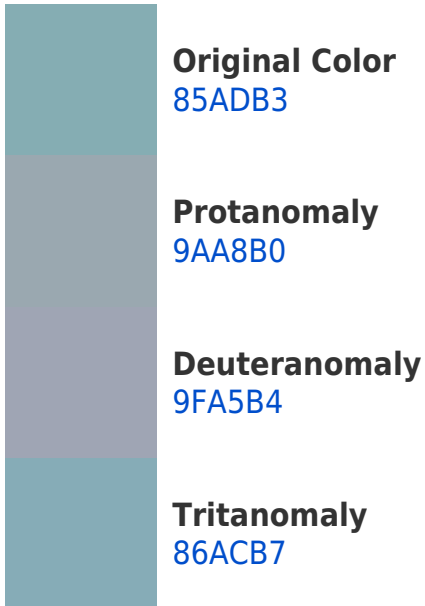
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

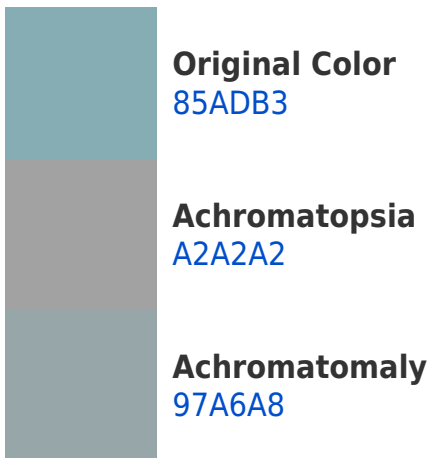




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85ADB3 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 #85ADB3 looks like.

```
.text, #text, p{  
    color:#85ADB3  
}
```

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 #85ADB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85ADB3  
}
```

## Border

The CSS property to change the border of an element to Hex 85ADB3 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  
#85ADB3 }
```

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

```
.border{ border-color:#85ADB3 }
```

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

Here you see how a box with a 4 pixel #85ADB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85ADB3; -webkit-box-shadow:4px 4px  
4px 4px #85ADB3; box-shadow:4px 4px 4px  
4px #85ADB3 }
```

# Background

The CSS property to change the background color of an element to Hex 85ADB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85ADB3 }
```

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

```
.background{ background-color:#85ADB3 }
```

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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