

# Converting Colors

Hex(85A2A0)

Have a look what the booklet for  
Hex(85A2A0) contains.

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# **Color**

**Hex(85A2A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85A2A0
RGB	133, 162, 160
RGB Percent	52%, 64%, 63%
CMY	0.4784, 0.3647, 0.3725
CMYK	0.18, 0.00, 0.01, 0.36
HSL	176°, 13%, 58%
HSV	176°, 18%, 64%
XYZ	28.9384, 33.3653, 38.1726
YIQ	153.1010, -16.6420, -6.7700

# Conversions

## Conversions Part 2

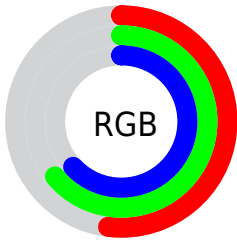
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 148, 162
Decimal	8757920
CIELab	64.46, -10.42, -2.31
CIElCh	64, 10.675, 192.485
Yxy	33.3653, 0.2880, 0.3321
Android (android.graphics.Color)	4286948000 (0xFF85A2A0)
YUV	153.1010, 3.4012, -17.6286
Hunter-Lab	57.7627, -11.6585, 1.2519

# Details

The Hex color **85A2A0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A28587**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BBD9D7**, and **536E6D** is the 20% darker color. If you saturate the color by 10%, you get **75A29F**, and if you desaturate by 10%, it is **95A2A1**.

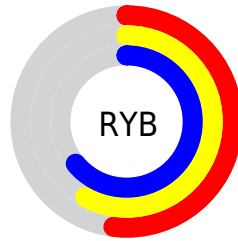
# Distribution



Red (52%)

Green (64%)

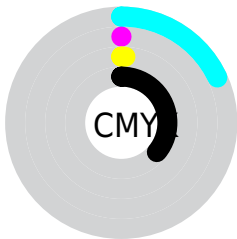
Blue (63%)



Red (52%)

Yellow (58%)

Blue (64%)

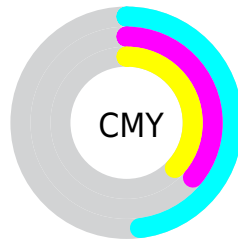


Cyan (18%)

Magenta (0%)

Yellow (1%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85A2A0 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 85A2A0 by changing the saturation by 10% instead.





85A2A0



85A2A0

FFFFFF



6B8886



BBD9D7



536E6D



D6F5F3



3B5654



F3FFFF



243F3D



0E2928



001513



000000



85A2A0



85A2A0



75A29F



95A2A1

65A29E

A5A2A2

54A29D

B6A2A3

44A29C

C6A2A4

34A29A

D6A2A6

24A299

E6A2A7

14A298

F6A2A8

03A297

FFA2A9

00A297

FFA2AA

# Harmonies

## Analogous

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



8BA296



85A2A0



85A1A9

# Triad

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



85A2A0



A399AA



AA9A8A

# Complementary

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



85A2A0



A28587

# 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.



B09790



85A2A0



AC96A2

# Square

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



85A2A0



979CAF



B19699



A09D8A

# Rectangle

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



85A2A0



89A0AD



B19699



AC998C



# Sweetspot

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



85A2A0



C9D4D3



87A285



656B6B



EBEBEB



6B6B6B



# Same Dimension

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



85A2A0



A7D4D1



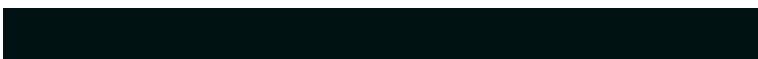
8596A2



495251



009187



001211



# Inverse Universe

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



A28587



D4A7AA



A29185



52494A



91000A



120001



# Previews

## White Background



This preview shows how the Hex color 85A2A0 looks on a white background.

## Color Contrast Check

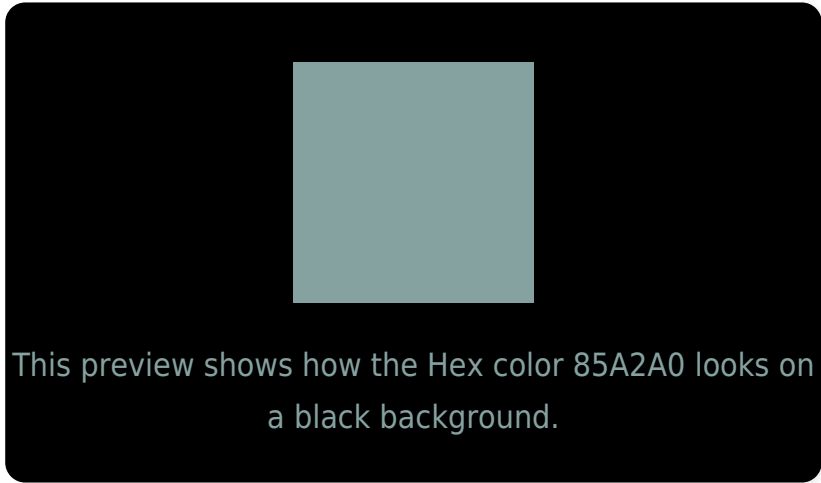
Large Text (above 18pt) WCAG AA × Fail

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

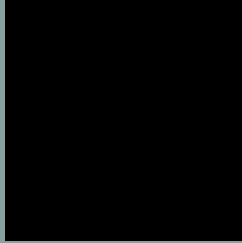
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

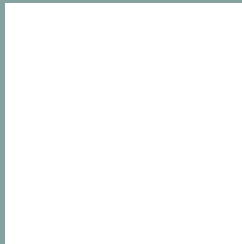
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85A2A0 Background



This preview shows how black text looks on a background with the Hex color 85A2A0.

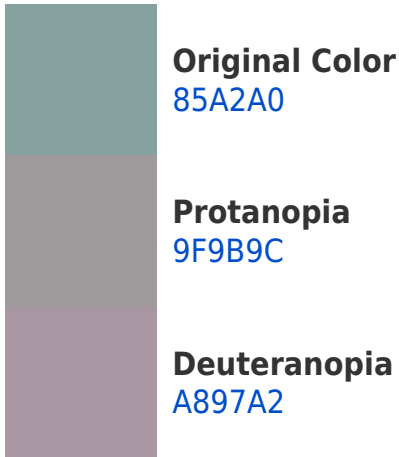


This preview shows how white text looks on a background with the Hex color 85A2A0.

# 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](#).

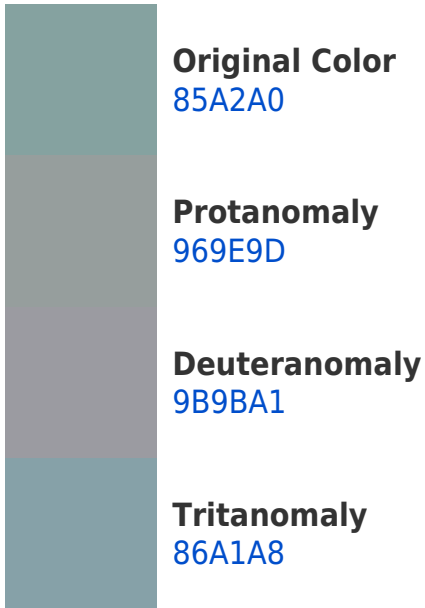
## Dichromacy



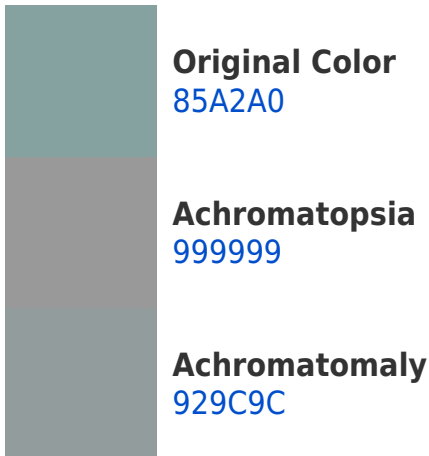


**Tritanopia**  
87A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85A2A0 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 #85A2A0 looks like.

```
.text, #text, p{  
    color:#85A2A0  
}
```

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 #85A2A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A2A0
}
```

## Border

The CSS property to change the border of an element to Hex 85A2A0 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
#85A2A0 }
```

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

```
.border{ border-color:#85A2A0 }
```

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

Here you see how a box with a 4 pixel #85A2A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A2A0; -webkit-box-shadow:4px 4px  
4px 4px #85A2A0; box-shadow:4px 4px 4px  
4px #85A2A0 }
```

# Background

The CSS property to change the background color of an element to Hex 85A2A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A2A0 }
```

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

```
.background{ background-color:#85A2A0 }
```

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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