

# Converting Colors

Hex(89A5A7)

Have a look what the booklet for  
Hex(89A5A7) contains.

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# **Color**

**Hex(89A5A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A5A7
RGB	137, 165, 167
RGB Percent	54%, 65%, 65%
CMY	0.4627, 0.3529, 0.3451
CMYK	0.18, 0.01, 0.00, 0.35
HSL	184°, 15%, 60%
HSV	184°, 18%, 65%
XYZ	30.7467, 35.0187, 41.6980
YIQ	156.8560, -17.3300, -5.3140

# Conversions

## Conversions Part 2

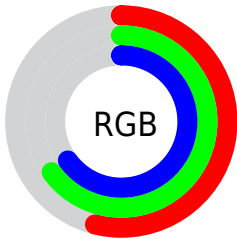
Format	Color
<a href="#">RYB</a>	<a href="#">137, 151, 167</a>
Decimal	<a href="#">9020839</a>
CIELab	<a href="#">65.76, -9.19, -4.27</a>
CIElCh	<a href="#">66, 10.136, 204.899</a>
Yxy	<a href="#">35.0187, 0.2861, 0.3259</a>
Android (android.graphics.Color)	<a href="#">4287210919</a> ( <a href="#">0xFF89A5A7</a> )
YUV	<a href="#">156.8560, 5.0010, -17.4137</a>
Hunter-Lab	<a href="#">59.1766, -10.8147, -0.3543</a>

# Details

The Hex color **89A5A7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A78B89**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BFDCDE**, and **567173** is the 20% darker color. If you saturate the color by 10%, you get **78A4A7**, and if you desaturate by 10%, it is **9AA6A7**.

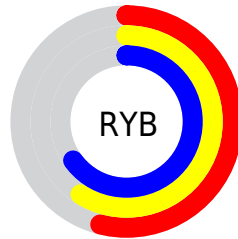
# Distribution



Red (54%)

Green (65%)

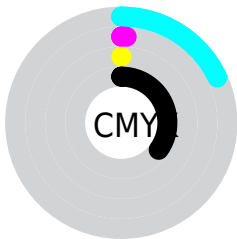
Blue (65%)



Red (54%)

Yellow (59%)

Blue (65%)

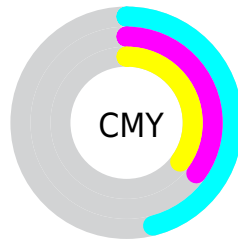


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (46%)

Magenta (35%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A5A7 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 89A5A7 by changing the saturation by 10% instead.





89A5A7



89A5A7

FFFFFF



6F8B8D



BFDCDE



567173



DBF9FB



3F595B



F7FFFF



284143



112B2D



001718



000000



89A5A7



89A5A7



78A4A7



9AA6A7

68A3A7

AAA7A7

57A2A7

BBA8A7

46A1A7

CCA9A7

359FA7

DCABA7

259EA7

EDACA7

149DA7

FEADA7

039CA7

FFAEA7

009CA7

FFAFA7

# Harmonies

## Analogous

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



8CA59E



89A5A7



8CA4AE

# Triad

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



89A5A7



AA9BAA



A99F8E

# Complementary

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



89A5A7



A78B89

# 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.



B09C91



89A5A7



B19AA2

# Square

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



89A5A7



A09EB0



B39A98



9FA28F

# Rectangle

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



89A5A7



91A2B1



B39A98



AC9E8E



# Sweetspot

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



89A5A7



CED8D9



89A78B



676D6E



EDEDED



6E6E6E



# Same Dimension

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



89A5A7



A9D6D9



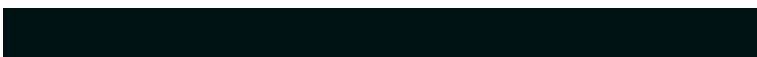
8996A7



4C5454



008A94



001314



# Inverse Universe

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



A789A5



D9A9D6



A79A89



544C54



94008A



140013



# Previews

## White Background



This preview shows how the Hex color 89A5A7 looks on a white background.

## Color Contrast Check

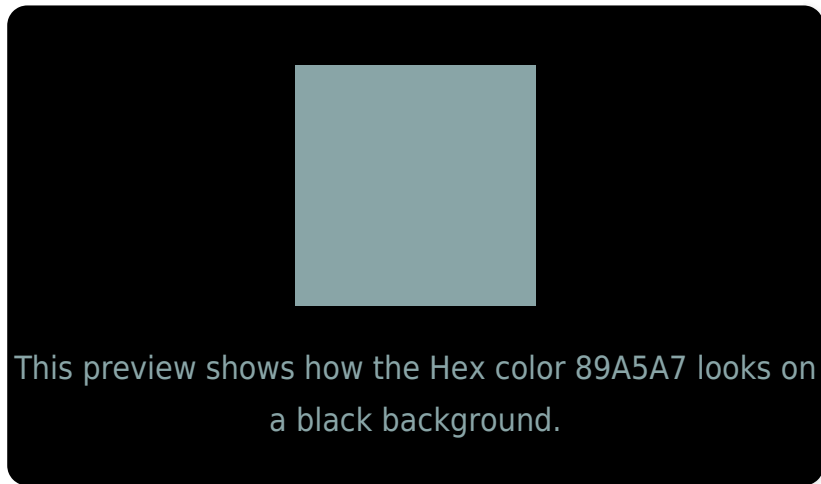
Large Text (above 18pt) WCAG AA × Fail

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

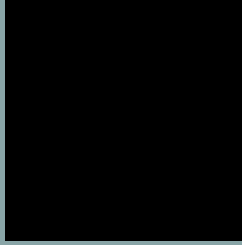
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

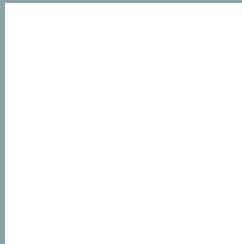
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89A5A7 Background



This preview shows how black text looks on a background with the Hex color 89A5A7.

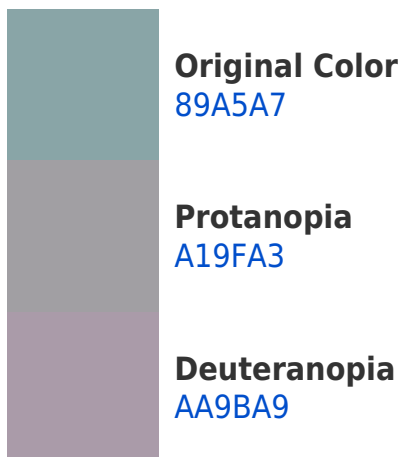


This preview shows how white text looks on a background with the Hex color 89A5A7.

# 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](#).

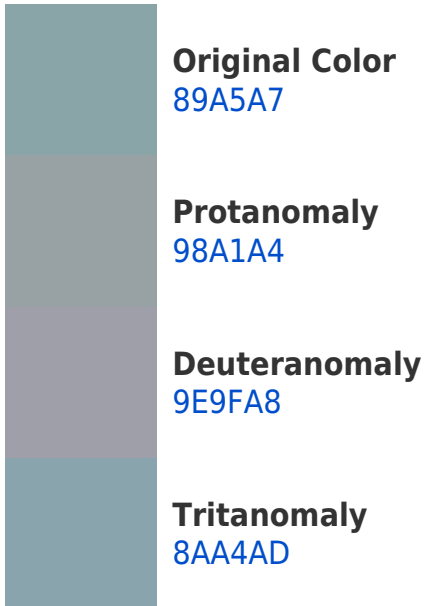
## Dichromacy



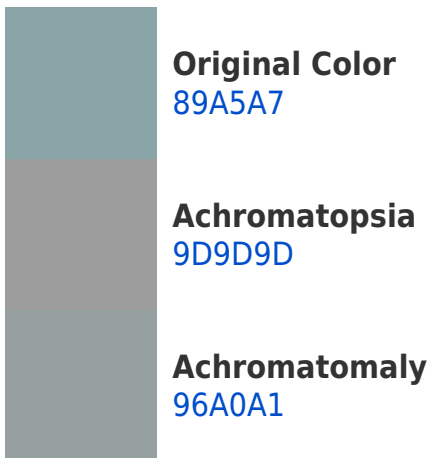


**Tritanopia**  
8BA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A5A7 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 #89A5A7 looks like.

```
.text, #text, p{  
    color:#89A5A7  
}
```

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 #89A5A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A5A7
}
```

## Border

The CSS property to change the border of an element to Hex 89A5A7 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
#89A5A7 }
```

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

```
.border{ border-color:#89A5A7 }
```

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

Here you see how a box with a 4 pixel #89A5A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A5A7; -webkit-box-shadow:4px 4px  
4px 4px #89A5A7; box-shadow:4px 4px 4px  
4px #89A5A7 }
```

# Background

The CSS property to change the background color of an element to Hex 89A5A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A5A7 }
```

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

```
.background{ background-color:#89A5A7 }
```

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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