

# Converting Colors

Hex(89A2A9)

Have a look what the booklet for  
Hex(89A2A9) contains.

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# **Color**

**Hex(89A2A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A2A9
RGB	137, 162, 169
RGB Percent	54%, 64%, 66%
CMY	0.4627, 0.3647, 0.3373
CMYK	0.19, 0.04, 0.00, 0.34
HSL	193°, 16%, 60%
HSV	193°, 19%, 66%
XYZ	30.3983, 34.0236, 42.5012
YIQ	155.3230, -17.1470, -3.1230

# Conversions

## Conversions Part 2

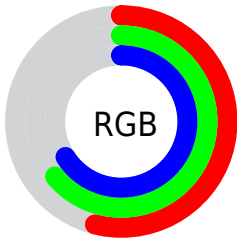
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 151, 169
Decimal	9020073
CIELab	64.98, -7.12, -6.54
CIElCh	65, 9.673, 222.558
Yxy	34.0236, 0.2843, 0.3182
Android (android.graphics.Color)	4287210153 (0xFF89A2A9)
YUV	155.3230, 6.7428, -16.0693
Hunter-Lab	58.3298, -9.0526, -2.3700

# Details

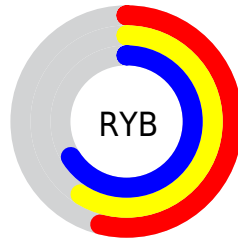
The Hex color **89A2A9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A99089**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BFD9E0**, and **576E75** is the 20% darker color. If you saturate the color by 10%, you get **789EA9**, and if you desaturate by 10%, it is **9AA6A9**.

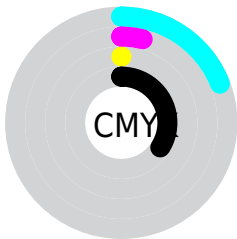
# Distribution



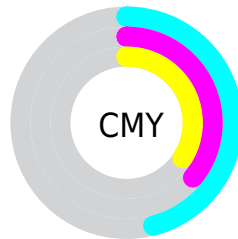
- Red (54%)
- Green (64%)
- Blue (66%)



- Red (54%)
- Yellow (59%)
- Blue (66%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (34%)



- Cyan (46%)
- Magenta (36%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A2A9 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 89A2A9 by changing the saturation by 10% instead.





89A2A9



89A2A9

FFFFFF



6F888F



BFD9E0



576E75



DBF5FD



3F565C



F7FFFF



283F45



12292F



00151A



000000



89A2A9



89A2A9



789EA9



9AA6A9

679BA9

ABA9A9

5697A9

BCADA9

4593A9

CDB1A9

3590A9

DDB4A9

248CA9

EEB8A9

1388A9

FFBCA9

0284A9

FFC0A9

0084A9

FFC3A9

# Harmonies

## Analogous

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



89A3A1



89A2A9



8FA0AE

# Triad

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



89A2A9



AC98A3



A19E8D

# Complementary

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



89A2A9



A99089

# 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.



AA9B8D



89A2A9



B0989A

# Square

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



89A2A9



A49AAA



AF9992



97A191

# Rectangle

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



89A2A9



969EAF



AF9992



A49D8D

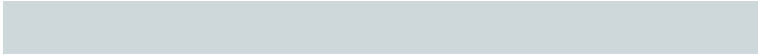


# Sweetspot

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



89A2A9



CED8DB



89A990



666C6E



EDEDED



6E6E6E



# Same Dimension

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



89A2A9



A9D0DB



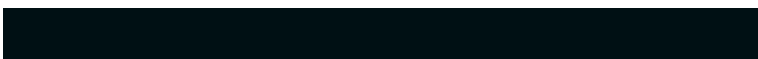
8992A9



4C5254



007494



001014



# Inverse Universe

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



A989A2



DBA9D0



A9A089



544C52



940074



140010



# Previews

## White Background



This preview shows how the Hex color 89A2A9 looks on a white background.

## Color Contrast Check

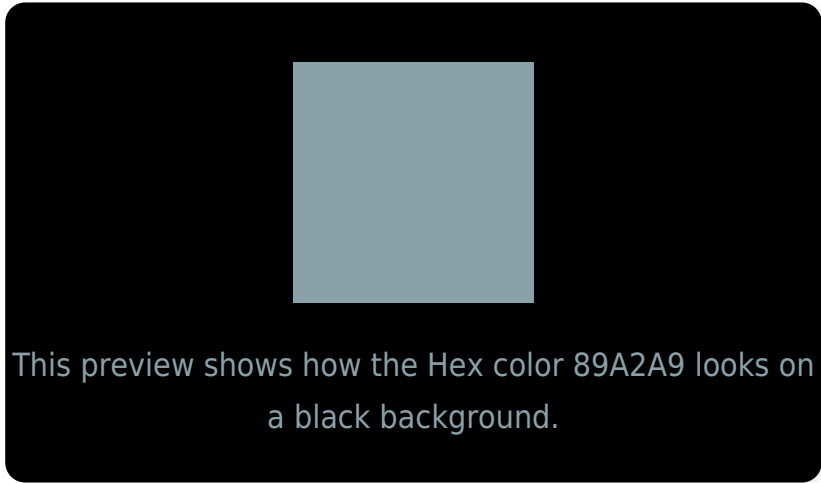
Large Text (above 18pt) WCAG AA × Fail

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

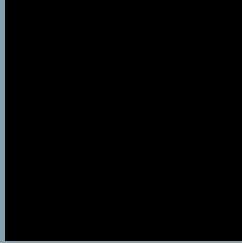
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

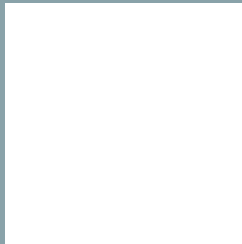
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89A2A9 Background



This preview shows how black text looks on a background with the Hex color 89A2A9.

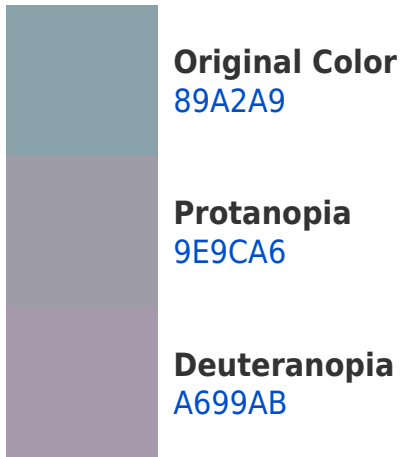


This preview shows how white text looks on a background with the Hex color 89A2A9.

# 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](#).

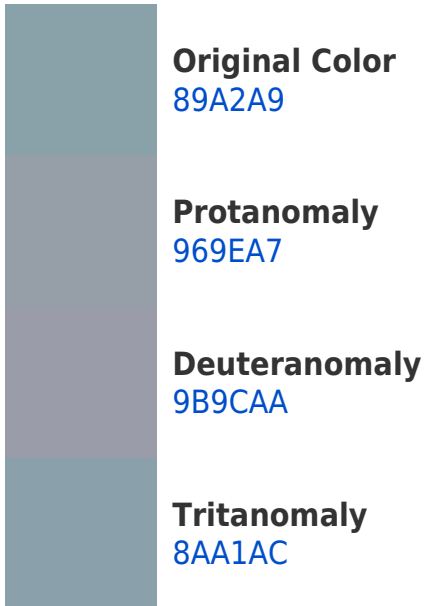
## Dichromacy



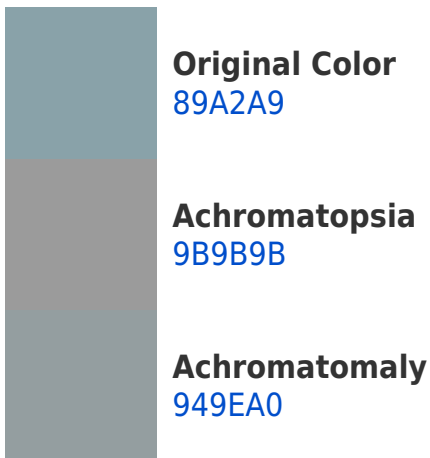


**Tritanopia**  
8AA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A2A9 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 #89A2A9 looks like.

```
.text, #text, p{  
    color:#89A2A9  
}
```

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 #89A2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A2A9
}
```

## Border

The CSS property to change the border of an element to Hex 89A2A9 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
#89A2A9 }
```

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

```
.border{ border-color:#89A2A9 }
```

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

Here you see how a box with a 4 pixel #89A2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A2A9; -webkit-box-shadow:4px 4px  
4px 4px #89A2A9; box-shadow:4px 4px 4px  
4px #89A2A9 }
```

# Background

The CSS property to change the background color of an element to Hex 89A2A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A2A9 }
```

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

```
.background{ background-color:#89A2A9 }
```

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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