

# Converting Colors

Hex(809A9A)

Have a look what the booklet for  
Hex(809A9A) contains.

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# **Color**

**Hex(809A9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	809A9A
RGB	128, 154, 154
RGB Percent	50%, 60%, 60%
CMY	0.4980, 0.3961, 0.3961
CMYK	0.17, 0.00, 0.00, 0.40
HSL	180°, 11%, 55%
HSV	180°, 17%, 60%
XYZ	26.2904, 30.0335, 34.9832
YIQ	146.2260, -15.4960, -5.5120

# Conversions

## Conversions Part 2

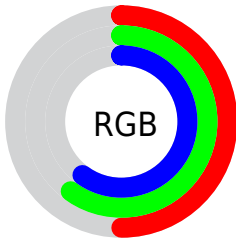
Format	Color
<a href="#">RYB</a>	<a href="#">128, 141, 154</a>
Decimal	<a href="#">8428186</a>
CIELab	<a href="#">61.68, -9.06, -3.05</a>
CIELCh	<a href="#">62, 9.560, 198.576</a>
Yxy	<a href="#">30.0335, 0.2879, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4286618266 (0xFF809A9A)</a>
YUV	<a href="#">146.2260, 3.8326, -15.9842</a>
Hunter-Lab	<a href="#">54.8028, -10.2736, 0.5144</a>

# Details

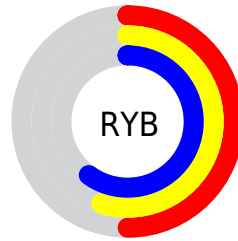
The Hex color **809A9A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A8080**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B5D0D0**, and **4E6767** is the 20% darker color. If you saturate the color by 10%, you get **719A9A**, and if you desaturate by 10%, it is **8F9A9A**.

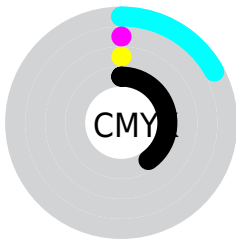
# Distribution



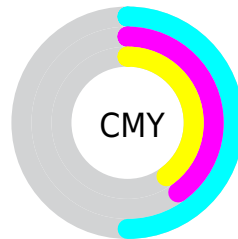
- Red (50%)
- Green (60%)
- Blue (60%)



- Red (50%)
- Yellow (55%)
- Blue (60%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 809A9A 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 809A9A by changing the saturation by 10% instead.





809A9A



809A9A

FFFFFF



678080



B5D0D0



4E6767



D1EDED



374F4F



EDFFFF



213838



0B2223



000C0D



000000



809A9A



809A9A



719A9A



8F9A9A

619A9A

9F9A9A

529A9A

AE9A9A

429A9A

BE9A9A

339A9A

CD9A9A

249A9A

DC9A9A

149A9A

EC9A9A

059A9A

FB9A9A

009A9A

FF9A9A

# Harmonies

## Analogous

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



849A91



809A9A



8199A1

# Triad

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



809A9A



9D91A0



9F9385

# Complementary

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



809A9A



9A8080

# 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.



A59189



809A9A



A49099

# Square

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



809A9A



9394A5



A78F90



969685

# Rectangle

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



809A9A



8698A4



A78F90



A29285



# Sweetspot

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



809A9A



BFC9C9



809A80



606666



E6E6E6



666666



# Same Dimension

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



809A9A



A1C9C9



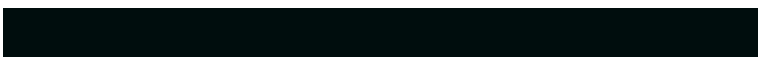
808D9A



454D4D



008C8C



000D0D



# Inverse Universe

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



9A809A



C9A1C9



9A8D80



4D454D



8C008C



0D000D



# Previews

## White Background



This preview shows how the Hex color 809A9A looks on a white background.

## Color Contrast Check

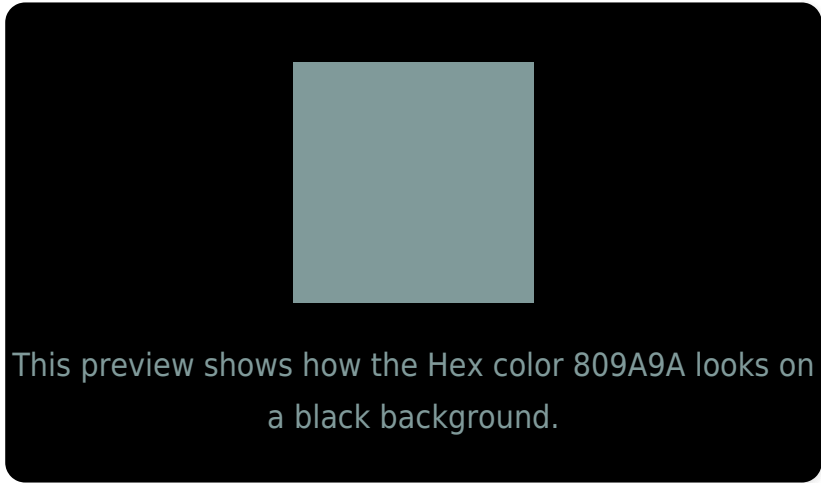
Large Text (above 18pt) WCAG AA ✓ Pass

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

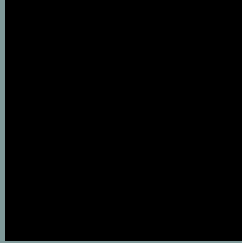
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 809A9A Background



This preview shows how black text looks on a background with the Hex color 809A9A.

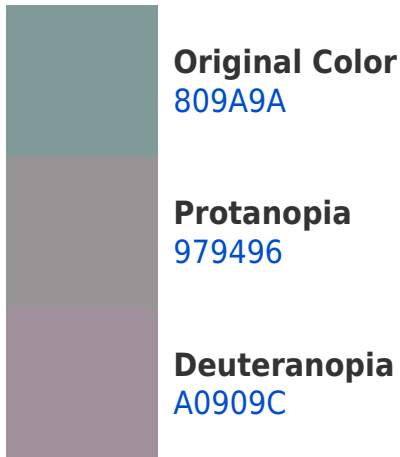


This preview shows how white text looks on a background with the Hex color 809A9A.

# 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



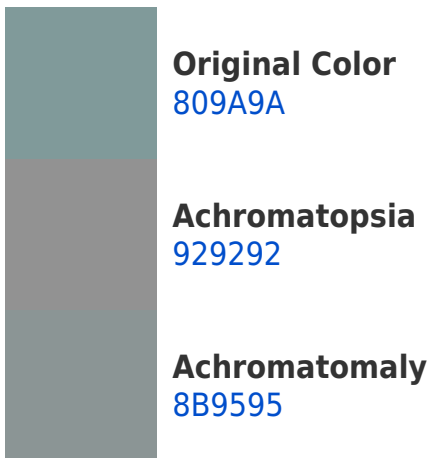


**Tritanopia**  
8298A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 809A9A 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 #809A9A looks like.

```
.text, #text, p{  
    color:#809A9A  
}
```

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 #809A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809A9A
}
```

## Border

The CSS property to change the border of an element to Hex 809A9A 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
#809A9A }
```

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

```
.border{ border-color:#809A9A }
```

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

Here you see how a box with a 4 pixel #809A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809A9A; -webkit-box-shadow:4px 4px  
4px 4px #809A9A; box-shadow:4px 4px 4px  
4px #809A9A }
```

# Background

The CSS property to change the background color of an element to Hex 809A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809A9A }
```

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

```
.background{ background-color:#809A9A }
```

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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