

# Converting Colors

Hex(809EA0)

Have a look what the booklet for  
Hex(809EA0) contains.

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# **Color**

**Hex(809EA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	809EA0
RGB	128, 158, 160
RGB Percent	50%, 62%, 63%
CMY	0.4980, 0.3804, 0.3725
CMYK	0.20, 0.01, 0.00, 0.37
HSL	184°, 14%, 56%
HSV	184°, 20%, 63%
XYZ	27.4741, 31.5810, 37.9054
YIQ	149.2580, -18.5220, -5.7380

# Conversions

## Conversions Part 2

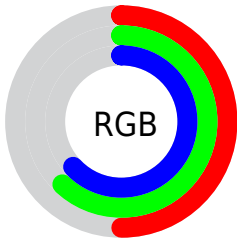
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 143, 160
Decimal	8429216
CIE <sub>Lab</sub>	63.00, -9.90, -4.50
CIE <sub>LCh</sub>	63, 10.872, 204.427
Yxy	31.5810, 0.2834, 0.3257
Android (android.graphics.Color)	4286619296 (0xFF809EA0)
YUV	149.2580, 5.2958, -18.6433
Hunter-Lab	56.1970, -11.0779, -0.6538

# Details

The Hex color **809EA0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A08280**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B5D5D7**, and **4E6B6D** is the 20% darker color. If you saturate the color by 10%, you get **709DA0**, and if you desaturate by 10%, it is **909FA0**.

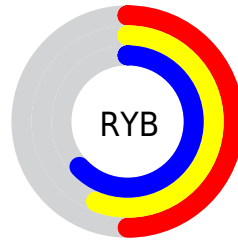
# Distribution



Red (50%)

Green (62%)

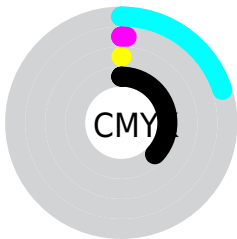
Blue (63%)



Red (50%)

Yellow (56%)

Blue (63%)

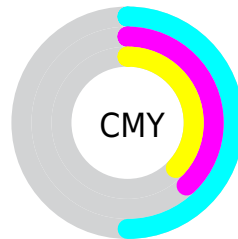


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (37%)



Cyan (50%)

Magenta (38%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 809EA0 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 809EA0 by changing the saturation by 10% instead.





809EA0



809EA0

FFFFFF



678486



B5D5D7



4E6B6D



D1F1F3



365254



EEEFFF



203B3D



082627



001113



000000



809EA0



809EA0



709DA0



909FA0

609CA0

A0A0A0

509BA0

B0A1A0

409AA0

C0A2A0

3099A0

D0A3A0

2098A0

E0A4A0

1097A0

F0A5A0

0096A0

FFA6A0

FFA7A0

# Harmonies

## Analogous

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



849E96



809EA0



839CA8

# Triad

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



809EA0



A394A4



A29785

# Complementary

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



809EA0



A08280

# 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.



AA9489



809EA0



AB929B

# Square

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



809EA0



9897AA



AD9291



989A87

# Rectangle

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



809EA0



899BAB



AD9291



A59686



# Sweetspot

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



809EA0



C5D0D1



80A082



616869



E8E8E8



696969



# Same Dimension

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



809EAO



9FCED1



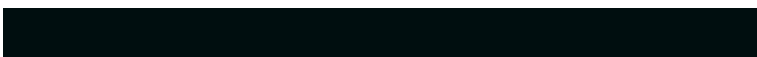
808EAO



474F4F



00868F



000E0F



# Inverse Universe

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



A0809E



D19FCE



A09280



4F474F



8F0086



0F000E



# Previews

## White Background



This preview shows how the Hex color 809EA0 looks on a white background.

## Color Contrast Check

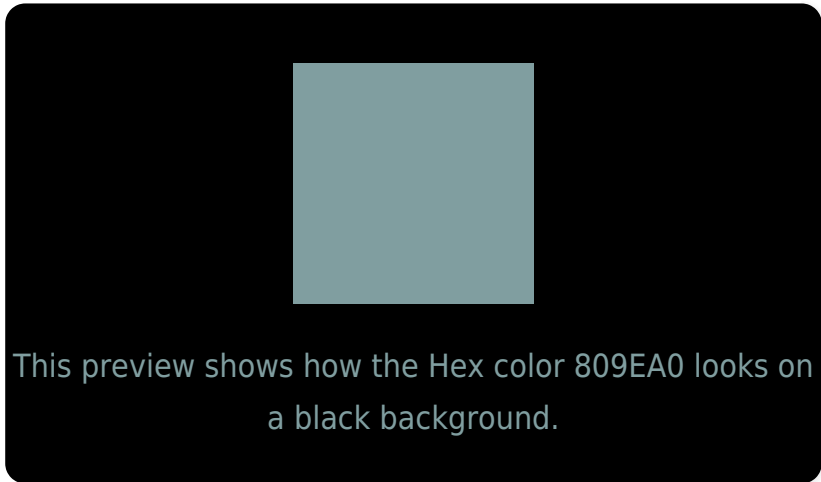
Large Text (above 18pt) WCAG AA × Fail

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

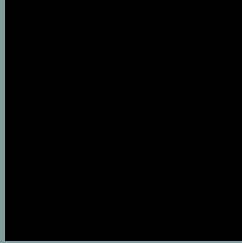
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 809EA0 Background



This preview shows how black text looks on a background with the Hex color 809EA0.

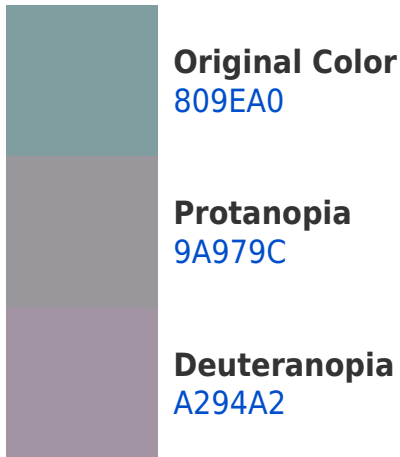


This preview shows how white text looks on a background with the Hex color 809EA0.

# 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](#).

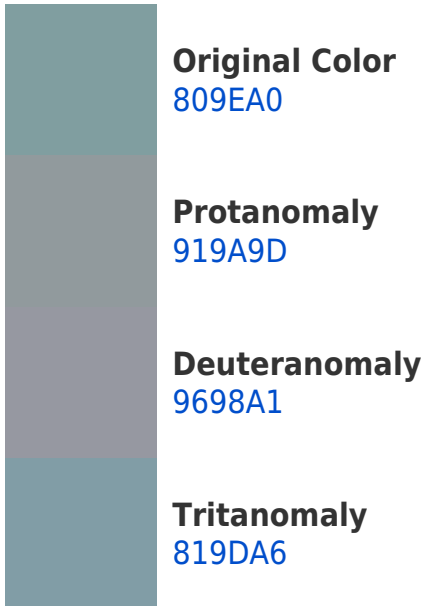
## Dichromacy



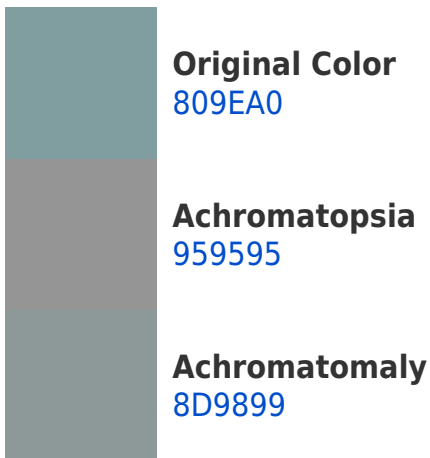


**Tritanopia**  
829DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 809EA0 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 #809EA0 looks like.

```
.text, #text, p{  
    color:#809EA0  
}
```

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 #809EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809EA0
}
```

## Border

The CSS property to change the border of an element to Hex 809EA0 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
#809EA0 }
```

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

```
.border{ border-color:#809EA0 }
```

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

Here you see how a box with a 4 pixel #809EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809EA0; -webkit-box-shadow:4px 4px  
4px 4px #809EA0; box-shadow:4px 4px 4px  
4px #809EA0 }
```

# Background

The CSS property to change the background color of an element to Hex 809EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809EA0 }
```

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

```
.background{ background-color:#809EA0 }
```

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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