

# Converting Colors

Hex(809999)

Have a look what the booklet for  
Hex(809999) contains.

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# Color

**Hex(809999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	809999
RGB	128, 153, 153
RGB Percent	50%, 60%, 60%
CMY	0.4980, 0.4000, 0.4000
CMYK	0.16, 0.00, 0.00, 0.40
HSL	180°, 11%, 55%
HSV	180°, 16%, 60%
XYZ	26.0431, 29.6716, 34.4916
YIQ	145.5250, -14.9000, -5.3000

# Conversions

## Conversions Part 2

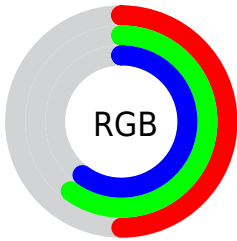
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 141, 153
Decimal	8427929
CIE <sub>Lab</sub>	61.37, -8.74, -2.94
CIE <sub>LCh</sub>	61, 9.218, 198.605
Yxy	29.6716, 0.2887, 0.3289
Android (android.graphics.Color)	4286618009 (0xFF809999)
YUV	145.5250, 3.6852, -15.3694
Hunter-Lab	54.4716, -9.9838, 0.5876

# Details

The Hex color **809999** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **998080**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B5CFCF**, and **4E6666** is the 20% darker color. If you saturate the color by 10%, you get **719999**, and if you desaturate by 10%, it is **8F9999**.

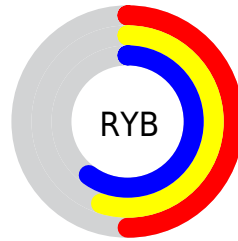
# Distribution



Red (50%)

Green (60%)

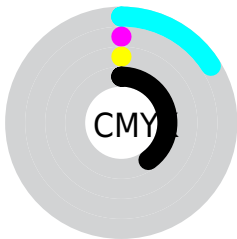
Blue (60%)



Red (50%)

Yellow (55%)

Blue (60%)

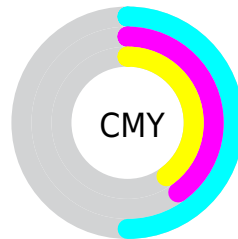


Cyan (16%)

Magenta (0%)

Yellow (0%)

Black (40%)



Cyan (50%)

Magenta (40%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 809999 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 809999 by changing the saturation by 10% instead.



809999

809999

FFFFFF

677F7F

B5CFCF

4E6666

D1ECEB

374E4E

EDFFFF

213737

0B2222

000A0C

000000

809999

809999

719999

8F9999

619999

9F9999

529999

AE9999

439999

BD9999

349999

CD9999

249999

DC9999

159999

EB9999

069999

FA9999

009999

FF9999

# Harmonies

## Analogous

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



849991



809999



8198A0

# Triad

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



809999



9C919F



9E9384

# Complementary

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



809999



998080

# 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.



A49088



809999



A38F98

# Square

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



809999



9293A3



A68F8F



959585

# Rectangle

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



809999



8597A3



A68F8F



A09285



# Sweetspot

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



809999



BDC7C7



809980



5D6363



E3E3E3



636363



# Same Dimension

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



809999



9FC7C7



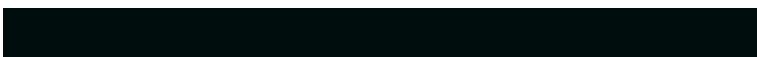
808D99



454D4D



008C8C



000D0D



# Inverse Universe

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



998099



C79FC7



998D80



4D454D



8C008C



0D000D



# Previews

## White Background



This preview shows how the Hex color 809999 looks on a white background.

## Color Contrast Check

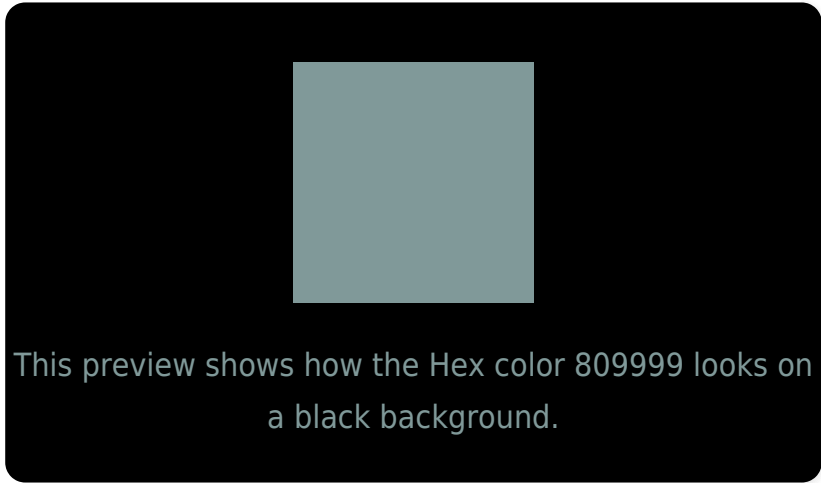
Large Text (above 18pt) WCAG AA ✓ Pass

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

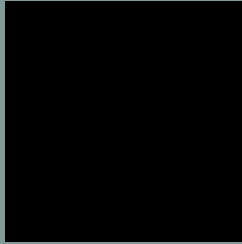
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 809999 Background



This preview shows how black text looks on a background with the Hex color 809999.

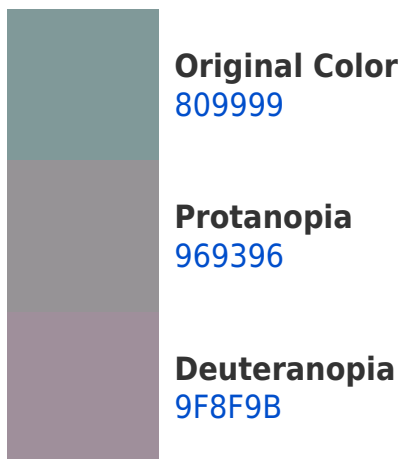


This preview shows how white text looks on a background with the Hex color 809999.

# 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](#).

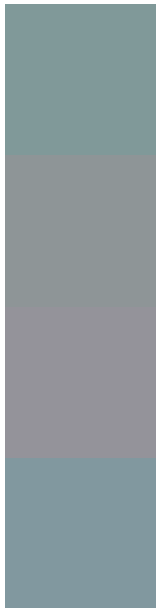
## Dichromacy





**Tritanopia**  
8297A3

# Trichromacy



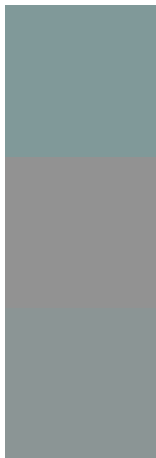
**Original Color**  
809999

**Protanomaly**  
8E9597

**Deuteranomaly**  
94939A

**Tritanomaly**  
81989F

# Monochromacy



**Original Color**  
809999

**Achromatopsia**  
929292

**Achromatomaly**  
8B9595

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 809999 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 #809999 looks like.

```
.text, #text, p{  
    color:#809999  
}
```

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 #809999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809999
}
```

## Border

The CSS property to change the border of an element to Hex 809999 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
#809999 }
```

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

```
.border{ border-color:#809999 }
```

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

Here you see how a box with a 4 pixel #809999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809999; -webkit-box-shadow:4px 4px  
4px 4px #809999; box-shadow:4px 4px 4px  
4px #809999 }
```

# Background

The CSS property to change the background color of an element to Hex 809999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809999 }
```

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

```
.background{ background-color:#809999 }
```

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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