

# Converting Colors

Hex(7F9D9D)

Have a look what the booklet for  
Hex(7F9D9D) contains.

<b>Hex(7F9D9D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7F9D9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F9D9D
RGB	127, 157, 157
RGB Percent	50%, 62%, 62%
CMY	0.5020, 0.3843, 0.3843
CMYK	0.19, 0.00, 0.00, 0.38
HSL	180°, 13%, 56%
HSV	180°, 19%, 62%
XYZ	26.8952, 31.0603, 36.4760
YIQ	148.0300, -17.8800, -6.3600

# Conversions

## Conversions Part 2

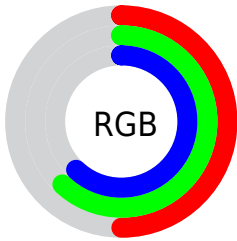
Format	Color
<a href="#">RYB</a>	<a href="#">127, 142, 157</a>
Decimal	<a href="#">8363421</a>
CIELab	<a href="#">62.56, -10.36, -3.46</a>
CIElCh	<a href="#">63, 10.918, 198.462</a>
Yxy	<a href="#">31.0603, 0.2848, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4286553501</a> ( <a href="#">0xFF7F9D9D</a> )
YUV	<a href="#">148.0300, 4.4222, -18.4433</a>
Hunter-Lab	<a href="#">55.7318, -11.3896, 0.2074</a>

# Details

The Hex color **7F9D9D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D7F7F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B4D4D4**, and **4D6A6A** is the 20% darker color. If you saturate the color by 10%, you get **6F9D9D**, and if you desaturate by 10%, it is **8F9D9D**.

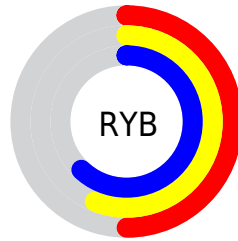
# Distribution



Red (50%)

Green (62%)

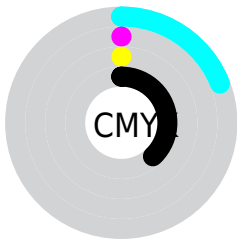
Blue (62%)



Red (50%)

Yellow (56%)

Blue (62%)

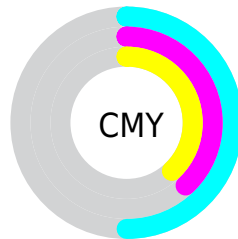


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (50%)

Magenta (38%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F9D9D 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 7F9D9D by changing the saturation by 10% instead.





7F9D9D



7F9D9D

FFFFFF



668383



B4D4D4



4D6A6A



D0F0F0



365252



ECFFFF



1F3A3B



082525



001010



000000



7F9D9D



7F9D9D



6F9D9D



8F9D9D

609D9D

9E9D9D

509D9D

AE9D9D

409D9D

BE9D9D

319D9D

CE9D9D

219D9D

DD9D9D

119D9D

ED9D9D

019D9D

FD9D9D

009D9D

FF9D9D

# Harmonies

## Analogous

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



849D93



7F9D9D



819CA5

# Triad

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



7F9D9D



A093A4



A39585

# Complementary

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



7F9D9D



9D7F7F

# 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.



AA9289



7F9D9D



A9919B

# Square

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



7F9D9D



9596AA



AC9192



999985

# Rectangle

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



7F9D9D



859AA9



AC9192



A69486



# Sweetspot

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



7F9D9D



C0CCCC



7F9D7F



5F6666



E6E6E6



666666



# Same Dimension

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



7F9D9D



9DCCCC



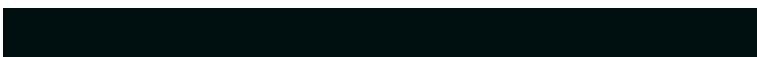
7F8E9D



474F4F



008F8F



000F0F



# Inverse Universe

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



9D7F9D



CC9DCC



9D8E7F



4F474F



8F008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 7F9D9D looks on a white background.

## Color Contrast Check

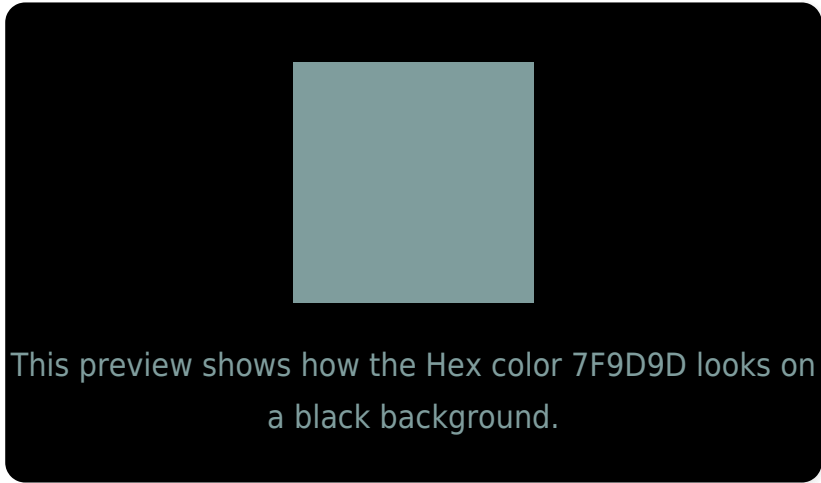
Large Text (above 18pt) WCAG AA × Fail

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

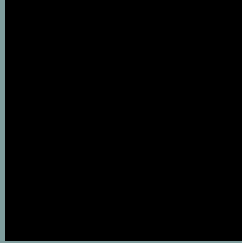
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7F9D9D Background



This preview shows how black text looks on a background with the Hex color 7F9D9D.

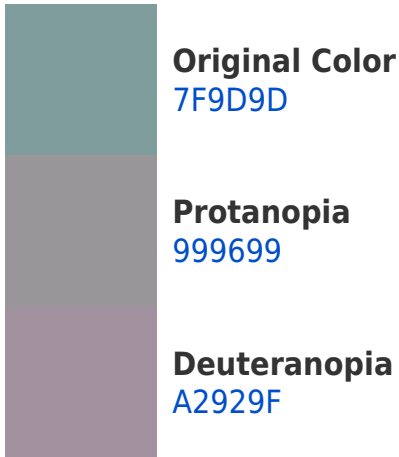


This preview shows how white text looks on a background with the Hex color 7F9D9D.

# 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](#).

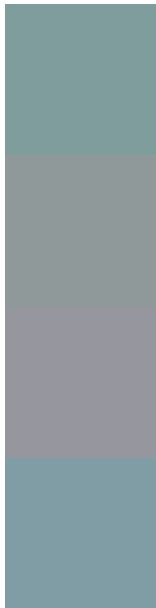
## Dichromacy





**Tritanopia**  
819BA8

# Trichromacy



**Original Color**

7F9D9D

**Protanomaly**

90999A

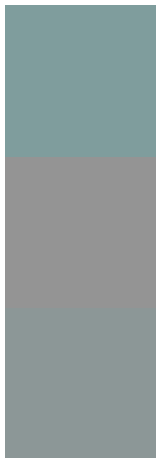
**Deuteranomaly**

95969E

**Tritanomaly**

809CA4

# Monochromacy



**Original Color**

7F9D9D

**Achromatopsia**

949494

**Achromatomaly**

8C9797

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F9D9D 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 #7F9D9D looks like.

```
.text, #text, p{  
    color:#7F9D9D  
}
```

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 #7F9D9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9D9D
}
```

## Border

The CSS property to change the border of an element to Hex 7F9D9D 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
#7F9D9D }
```

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

```
.border{ border-color:#7F9D9D }
```

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

Here you see how a box with a 4 pixel #7F9D9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9D9D; -webkit-box-shadow:4px 4px  
4px 4px #7F9D9D; box-shadow:4px 4px 4px  
4px #7F9D9D }
```

# Background

The CSS property to change the background color of an element to Hex 7F9D9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9D9D }
```

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

```
.background{ background-color:#7F9D9D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor