

# Converting Colors

Hex(7D909E)

Have a look what the booklet for  
Hex(7D909E) contains.

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# Color

Hex(7D909E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D909E
RGB	125, 144, 158
RGB Percent	49%, 56%, 62%
CMY	0.5098, 0.4353, 0.3804
CMYK	0.21, 0.09, 0.00, 0.38
HSL	205°, 15%, 55%
HSV	205°, 21%, 62%
XYZ	24.6023, 26.7751, 36.2192
YIQ	139.9150, -15.8180, 0.3260

# Conversions

## Conversions Part 2

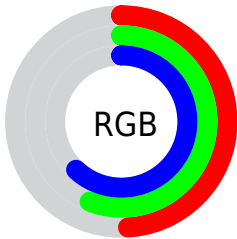
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 137, 158
Decimal	8229022
CIE <sub>Lab</sub>	58.77, -3.61, -9.67
CIE <sub>LCh</sub>	59, 10.324, 249.507
Yxy	26.7751, 0.2809, 0.3057
Android (android.graphics.Color)	4286419102 (0xFF7D909E)
YUV	139.9150, 8.9159, -13.0805
Hunter-Lab	51.7447, -5.6845, -5.2793

# Details

The Hex color **7D909E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9E8B7D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B2C6D5**, and **4B5E6B** is the 20% darker color. If you saturate the color by 10%, you get **6D899E**, and if you desaturate by 10%, it is **8D979E**.

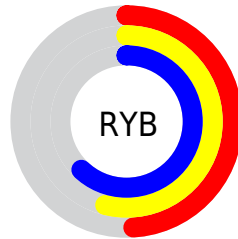
# Distribution



Red (49%)

Green (56%)

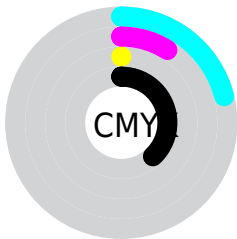
Blue (62%)



Red (49%)

Yellow (54%)

Blue (62%)

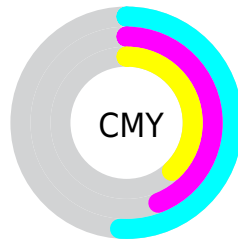


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (44%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D909E 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 7D909E by changing the saturation by 10% instead.



■ 7D909E

■ 7D909E

FFFFFF

■ 647684

■ B2C6D5

■ 4B5E6B

■ CEE2F1

■ 344652

■ EAFEFF

■ 1E303B

■ 081B26

■ 000111

■ 000000

■ 7D909E

■ 7D909E

■ 6D899E

■ 8D979E

5D839E

9D9D9E

4E7C9E

ACA49E

3E759E

BCAB9E

2E6E9E

CCB29E

1E689E

DCB89E

0E619E

ECBF9E

005B9E

FBC69E

FFCC9E

# Harmonies

## Analogous

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



779298



7D909E



878D9F

# Triad

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



7D909E



A1878B



87907F

# Complementary

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



7D909E



9E8B7D

# 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.



928E7C



7D909E



A08882

# Square

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



7D909E



9C8894



9B8B7D



7E9287

# Rectangle

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



7D909E



8F8B9D



9B8B7D



8B907E



# Sweetspot

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



7D909E



C2C9CF



7D9E8B



616569



E8E8E8



696969



# Same Dimension

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



7D909E



9BB9CF



7D809E



474C4F



00528F



00090F



# Inverse Universe

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



9E7D90



CF9BB9



9E9B7D



4F474C



8F0052



0F0009



# Previews

## White Background



This preview shows how the Hex color 7D909E 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

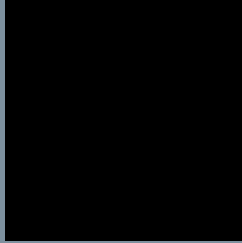
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

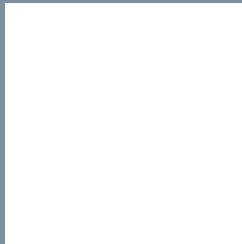
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D909E Background



This preview shows how black text looks on a background with the Hex color 7D909E.



This preview shows how white text looks on a background with the Hex color 7D909E.

# 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](#).

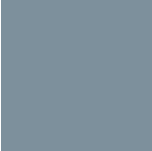
## Dichromacy



**Original Color**  
7D909E

**Protanopia**  
8B8C9C

**Deuteranopia**  
92899F



**Tritanopia**  
7D909C

# Trichromacy



**Original Color**  
7D909E

**Protanomaly**  
868D9D

**Deuteranomaly**  
8A8C9F

**Tritanomaly**  
7D909D

# Monochromacy



**Original Color**  
7D909E

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
878D93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D909E 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 #7D909E looks like.

```
.text, #text, p{  
    color:#7D909E  
}
```

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 #7D909E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D909E
}
```

## Border

The CSS property to change the border of an element to Hex 7D909E 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
#7D909E }
```

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

```
.border{ border-color:#7D909E }
```

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

Here you see how a box with a 4 pixel #7D909E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D909E; -webkit-box-shadow:4px 4px  
4px 4px #7D909E; box-shadow:4px 4px 4px  
4px #7D909E }
```

# Background

The CSS property to change the background color of an element to Hex 7D909E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D909E }
```

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

```
.background{ background-color:#7D909E }
```

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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