

# Converting Colors

Hex(7D8991)

Have a look what the booklet for  
Hex(7D8991) contains.

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# Color

**Hex(7D8991)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D8991
RGB	125, 137, 145
RGB Percent	49%, 54%, 57%
CMY	0.5098, 0.4627, 0.4314
CMYK	0.14, 0.06, 0.00, 0.43
HSL	204°, 8%, 53%
HSV	204°, 14%, 57%
XYZ	22.5139, 24.2956, 30.2910
YIQ	134.3240, -9.7200, -0.0560

# Conversions

## Conversions Part 2

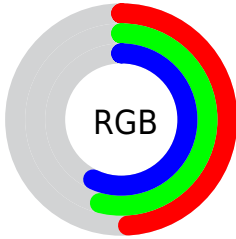
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 133, 145
Decimal	8227217
CIE <sub>Lab</sub>	56.38, -2.63, -5.76
CIE <sub>LCh</sub>	56, 6.334, 245.501
Yxy	24.2956, 0.2920, 0.3151
Android (android.graphics.Color)	4286417297 (0xFF7D8991)
YUV	134.3240, 5.2633, -8.1771
Hunter-Lab	49.2906, -4.7270, -1.9326

# Details

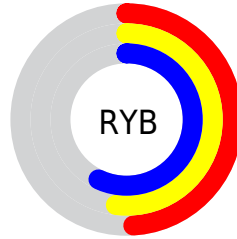
The Hex color **7D8991** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **91857D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B2BEC7**, and **4C575F** is the 20% darker color. If you saturate the color by 10%, you get **6E8391**, and if you desaturate by 10%, it is **8B8F91**.

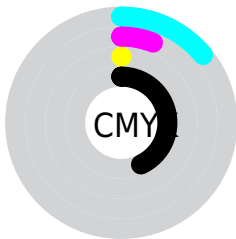
# Distribution



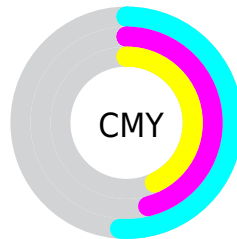
- Red (49%)
- Green (54%)
- Blue (57%)



- Red (49%)
- Yellow (52%)
- Blue (57%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (43%)



- Cyan (51%)
- Magenta (46%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D8991 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 7D8991 by changing the saturation by 10% instead.





7D8991



7D8991

FFFFFF



647077



B2BEC7



4C575F



CDDAE3



354047



E9F7FF



1F2A31



0A161C



000000



7D8991



7D8991



6E8391



8B8F91



607D91



9A9591

■ 527891

■ A99A91

■ 437291

■ B7A091

■ 356C91

■ C6A691

■ 266691

■ D4AC91

■ 176091

■ E3B291

■ 095B91

■ F1B791

■ 005791

■ FFBD91

# Harmonies

## Analogous

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



7A8A8D



7D8991



838792

# Triad

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



7D8991



938486



84897E

# Complementary

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



7D8991



91857D

# 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.



8B877C



7D8991



938481

# Square

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



7D8991



8F848C



90857D



7E8A82

# Rectangle

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



7D8991



878691



90857D



87887D



# Sweetspot

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



7D8991



B5BABD



7D9185



5A5C5E



DEDEDE



5E5E5E



# Same Dimension

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



7D8991



9DB0BD



7D7F91



404547



005187



000508



# Inverse Universe

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



917D89



BD9DB0



918F7D



474045



870051



080005



# Previews

## White Background



This preview shows how the Hex color 7D8991 looks on a white background.

## Color Contrast Check

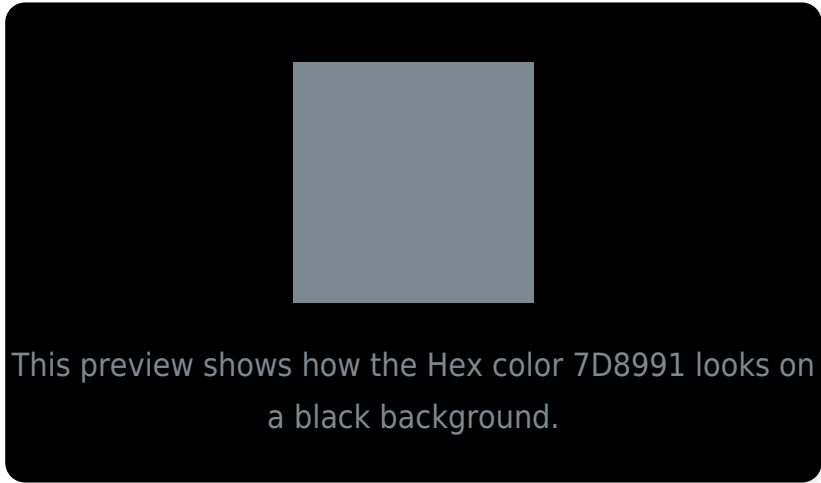
Large Text (above 18pt) WCAG AA ✓ Pass

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

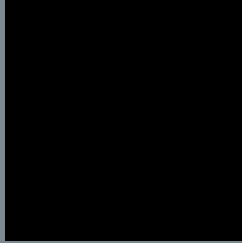
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

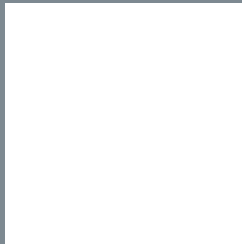
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D8991 Background



This preview shows how black text looks on a background with the Hex color 7D8991.



This preview shows how white text looks on a background with the Hex color 7D8991.

# 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**

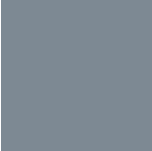
7D8991

**Protanopia**

87868F

**Deuteranopia**

8F8392



**Tritanopia**  
7D8993

# Trichromacy



**Original Color**  
7D8991

**Protanomaly**  
838790

**Deuteranomaly**  
888592

**Tritanomaly**  
7D8992

# Monochromacy



**Original Color**  
7D8991

**Achromatopsia**  
868686

**Achromatomaly**  
83878A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8991 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 #7D8991 looks like.

```
.text, #text, p{  
    color:#7D8991  
}
```

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 #7D8991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8991
}
```

## Border

The CSS property to change the border of an element to Hex 7D8991 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
#7D8991 }
```

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

```
.border{ border-color:#7D8991 }
```

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

Here you see how a box with a 4 pixel #7D8991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8991; -webkit-box-shadow:4px 4px  
4px 4px #7D8991; box-shadow:4px 4px 4px  
4px #7D8991 }
```

# Background

The CSS property to change the background color of an element to Hex 7D8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8991 }
```

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

```
.background{ background-color:#7D8991 }
```

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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