

# Converting Colors

Hex(7D8896)

Have a look what the booklet for  
Hex(7D8896) contains.

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# Color

Hex(7D8896)

# Conversions

## Conversions Part 1

Format	Color
Hex	7D8896
RGB	125, 136, 150
RGB Percent	49%, 53%, 59%
CMY	0.5098, 0.4667, 0.4118
CMYK	0.17, 0.09, 0.00, 0.41
HSL	214°, 11%, 54%
HSV	214°, 17%, 59%
XYZ	22.7666, 24.1703, 32.3196
YIQ	134.3070, -11.0500, 2.0220

# Conversions

## Conversions Part 2

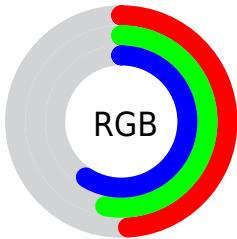
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 133, 150
Decimal	8226966
CIELab	56.26, -0.94, -8.83
CIElCh	56, 8.880, 263.949
Yxy	24.1703, 0.2873, 0.3050
Android (android.graphics.Color)	4286417046 (0xFF7D8896)
YUV	134.3070, 7.7366, -8.1622
Hunter-Lab	49.1633, -3.3757, -4.5625

# Details

The Hex color **7D8896** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **968B7D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B2BDCC**, and **4C5663** is the 20% darker color. If you saturate the color by 10%, you get **6E8096**, and if you desaturate by 10%, it is **8C9096**.

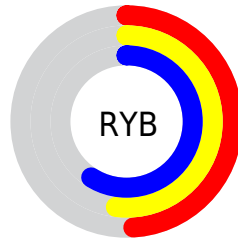
# Distribution



Red (49%)

Green (53%)

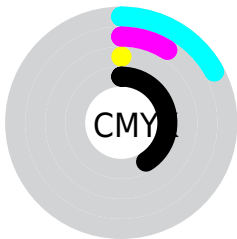
Blue (59%)



Red (49%)

Yellow (52%)

Blue (59%)

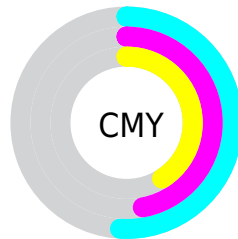


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (41%)



Cyan (51%)

Magenta (47%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D8896 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 7D8896 by changing the saturation by 10% instead.





7D8896



7D8896

FFFFFF



646F7C



B2BDCC



4C5663



CDD9E8



353F4B



EAF5FF



1F2935



091520



000006



000000



7D8896



7D8896



6E8096



8C9096

■ 5F7796

■ 9B9996

■ 506F96

■ AAA196

■ 416696

■ B9AA96

■ 325E96

■ C8B296

■ 235696

■ D7BA96

■ 144D96

■ E6C396

■ 054596

■ F5CB96

■ 004296

■ FFD496

# Harmonies

## Analogous

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



768A93



7D8896



878595

# Triad

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



7D8896



988281



7E8A7E

# Complementary

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



7D8896



968B7D

# 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.



868879



7D8896



95837B

# Square

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



7D8896



968289



8F8678



778B85

# Rectangle

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



7D8896



8D8492



8F8678



808A7C



# Sweetspot

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



7D8896



B8BCC2



7D968B



5B5E61



E0E0E0



616161



# Same Dimension

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



7D8896



9BACC2



7E7D96



43464A



003D8A



00040A



# Inverse Universe

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



967D88



C29BAC



95967D



4A4346



8A003D

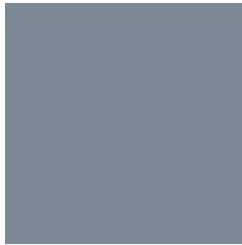


0A0004



# Previews

## White Background



This preview shows how the Hex color 7D8896 looks on a white background.

## Color Contrast Check

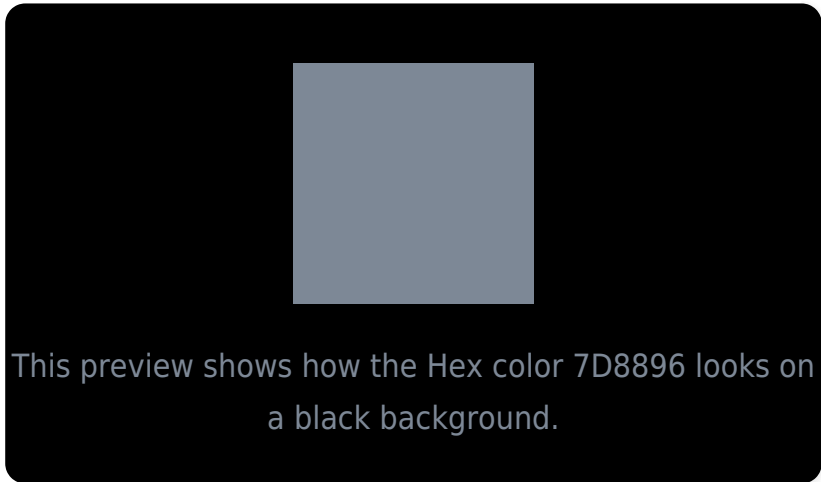
Large Text (above 18pt) WCAG AA ✓ Pass

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

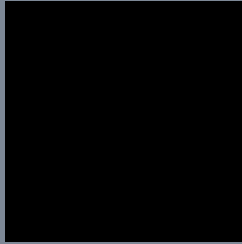
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

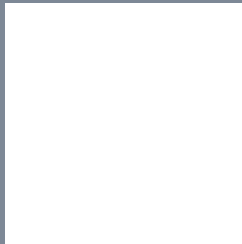
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D8896 Background



This preview shows how black text looks on a background with the Hex color 7D8896.



This preview shows how white text looks on a background with the Hex color 7D8896.

# 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**

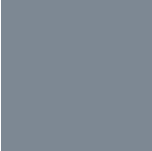
7D8896

**Protanopia**

858695

**Deuteranopia**

8C8397



**Tritanopia**  
7D8893

# Trichromacy



**Original Color**  
7D8896

**Protanomaly**  
828795

**Deuteranomaly**  
878597

**Tritanomaly**  
7D8894

# Monochromacy



**Original Color**  
7D8896

**Achromatopsia**  
868686

**Achromatomaly**  
83878C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8896 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 #7D8896 looks like.

```
.text, #text, p{  
    color:#7D8896  
}
```

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 #7D8896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8896
}
```

## Border

The CSS property to change the border of an element to Hex 7D8896 is called "border". The border property can be set on classes, ids or directly on the HTML element.

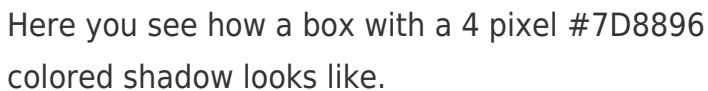
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D8896 }
```

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

```
.border{ border-color:#7D8896 }
```

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



Here you see how a box with a 4 pixel #7D8896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8896; -webkit-box-shadow:4px 4px  
4px 4px #7D8896; box-shadow:4px 4px 4px  
4px #7D8896 }
```

# Background

The CSS property to change the background color of an element to Hex 7D8896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8896 }
```

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

```
.background{ background-color:#7D8896 }
```

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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