

# Converting Colors

Hex(7D8E90)

Have a look what the booklet for  
Hex(7D8E90) contains.

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# Color

**Hex(7D8E90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D8E90
RGB	125, 142, 144
RGB Percent	49%, 56%, 56%
CMY	0.5098, 0.4431, 0.4353
CMYK	0.13, 0.01, 0.00, 0.44
HSL	186°, 8%, 53%
HSV	186°, 13%, 56%
XYZ	23.1645, 25.7196, 30.1290
YIQ	137.1450, -10.7740, -2.9820

# Conversions

## Conversions Part 2

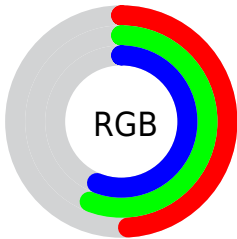
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 134, 144
Decimal	8228496
CIE <sub>Lab</sub>	57.77, -5.66, -3.14
CIE <sub>LCh</sub>	58, 6.468, 209.031
Yxy	25.7196, 0.2932, 0.3255
Android (android.graphics.Color)	4286418576 (0xFF7D8E90)
YUV	137.1450, 3.3795, -10.6512
Hunter-Lab	50.7145, -7.2182, 0.2765

# Details

The Hex color **7D8E90** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **907F7D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B2C4C6**, and **4C5C5E** is the 20% darker color. If you saturate the color by 10%, you get **6F8C90**, and if you desaturate by 10%, it is **8B9090**.

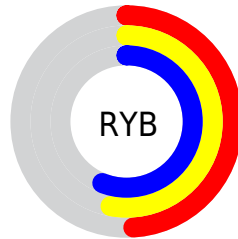
# Distribution



Red (49%)

Green (56%)

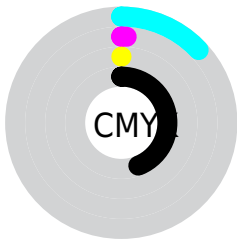
Blue (56%)



Red (49%)

Yellow (53%)

Blue (56%)

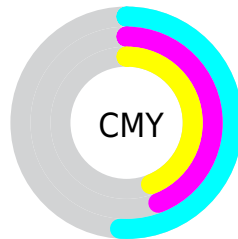


Cyan (13%)

Magenta (1%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (44%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D8E90 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 7D8E90 by changing the saturation by 10% instead.





7D8E90



7D8E90

FFFFFF



647476



B2C4C6



4C5C5E



CDE0E2



354446



EAFCFE



1F2E30



0A1A1B



000000



7D8E90



7D8E90



6F8C90



8B9090



608B90



9A9190

528990

A89390

438890

B79490

358690

C59690

278590

D39790

188390

E29990

0A8290

F09A90

008190

FF9C90

# Harmonies

## Analogous

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



7E8E8A



7D8E90



7F8D94

# Triad

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



7D8E90



928891



908A80

# Complementary

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



7D8E90



907F7D

# 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.



958981



7D8E90



96878B

# Square

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



7D8E90



8C8995



978786



898C81

# Rectangle

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



7D8E90



838C96



978786



928A80



# Sweetspot

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



7D8E90



B3B9BA



7D907F



5A5E5E



DEDEDE



5E5E5E



# Same Dimension

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



7D8E90



9CB7BA



7D8590



404747



007987



000708



# Inverse Universe

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



907D8E



BA9CB7



90887D



474047



870079



080007



# Previews

## White Background



This preview shows how the Hex color 7D8E90 looks on a white background.

## Color Contrast Check

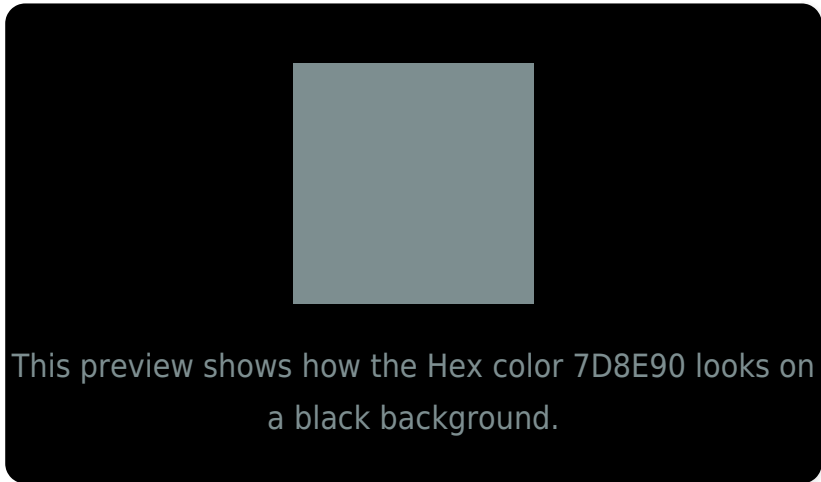
Large Text (above 18pt) WCAG AA ✓ Pass

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

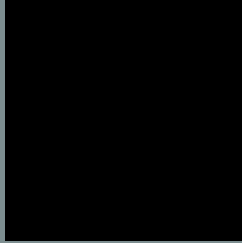
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

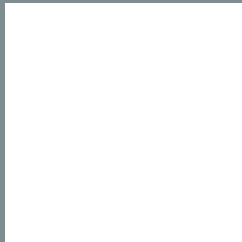
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D8E90 Background



This preview shows how black text looks on a background with the Hex color 7D8E90.

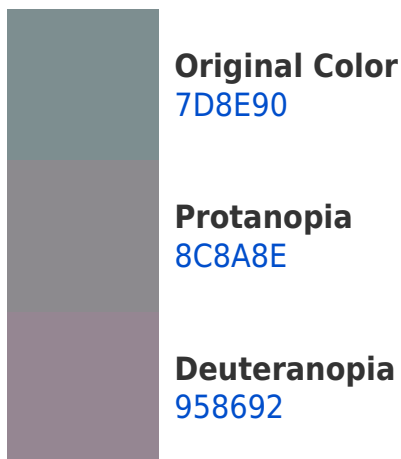


This preview shows how white text looks on a background with the Hex color 7D8E90.

# 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**  
7E8D98

# Trichromacy



**Original Color**  
7D8E90

**Protanomaly**  
878B8F

**Deuteranomaly**  
8C8991

**Tritanomaly**  
7E8D95

# Monochromacy



**Original Color**  
7D8E90

**Achromatopsia**  
898989

**Achromatomaly**  
858B8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8E90 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 #7D8E90 looks like.

```
.text, #text, p{  
    color:#7D8E90  
}
```

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 #7D8E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8E90
}
```

## Border

The CSS property to change the border of an element to Hex 7D8E90 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
#7D8E90 }
```

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

```
.border{ border-color:#7D8E90 }
```

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

Here you see how a box with a 4 pixel #7D8E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8E90; -webkit-box-shadow:4px 4px  
4px 4px #7D8E90; box-shadow:4px 4px 4px  
4px #7D8E90 }
```

# Background

The CSS property to change the background color of an element to Hex 7D8E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8E90 }
```

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

```
.background{ background-color:#7D8E90 }
```

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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