

# Converting Colors

Hex(7B858A)

Have a look what the booklet for  
Hex(7B858A) contains.

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# Color

**Hex(7B858A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B858A
RGB	123, 133, 138
RGB Percent	48%, 52%, 54%
CMY	0.5176, 0.4784, 0.4588
CMYK	0.11, 0.04, 0.00, 0.46
HSL	200°, 6%, 51%
HSV	200°, 11%, 54%
XYZ	21.1434, 22.8210, 27.3353
YIQ	130.5800, -7.5650, -0.5650

# Conversions

## Conversions Part 2

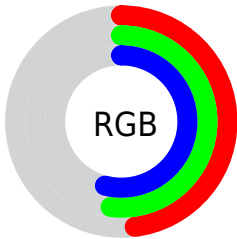
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 129, 138
Decimal	8095114
CIELab	54.89, -2.59, -3.95
CIElCh	55, 4.723, 236.720
Yxy	22.8210, 0.2965, 0.3201
Android (android.graphics.Color)	4286285194 (0xFF7B858A)
YUV	130.5800, 3.6581, -6.6477
Hunter-Lab	47.7713, -4.5966, -0.4865

# Details

The Hex color **7B858A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A807B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B0BABF**, and **4A5458** is the 20% darker color. If you saturate the color by 10%, you get **6D808A**, and if you desaturate by 10%, it is **898A8A**.

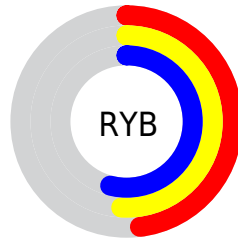
# Distribution



Red (48%)

Green (52%)

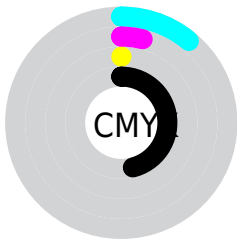
Blue (54%)



Red (48%)

Yellow (51%)

Blue (54%)

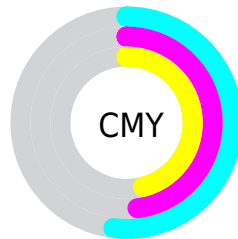


Cyan (11%)

Magenta (4%)

Yellow (0%)

Black (46%)



Cyan (52%)

Magenta (48%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B858A 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 7B858A by changing the saturation by 10% instead.





7B858A



7B858A

FFFFFF



626C71



B0BABF



4A5458



CBD6DB



333C41



E7F2F8



1E272B



071216



000000



7B858A



7B858A



6D808A



898A8A



5F7C8A



978E8A

■ 52778A

■ A4938A

■ 44738A

■ B2978A

■ 366E8A

■ C09C8A

■ 28698A

■ CEA18A

■ 1A658A

■ DCA58A

■ 0D608A

■ E9AA8A

■ 005C8A

■ F7AE8A

# Harmonies

## Analogous

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



7A8687



7B858A



7F848B

# Triad

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



7B858A



8C8184



83847C

# Complementary

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



7B858A



8A807B

# 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.



87837B



7B858A



8C8180

# Square

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



7B858A



888188



8B827D



7E857F

# Rectangle

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



7B858A



82838B



8B827D



84847C



# Sweetspot

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



7B858A



ADB1B3



7B8A80



565859



D9D9D9



595959



# Same Dimension

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



7B858A



9BABB3



7B7E8A



3E4345



005885



000305



# Inverse Universe

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



8A7B85



B39BAB



8A877B



453E43



850058



050003



# Previews

## White Background



This preview shows how the Hex color 7B858A 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

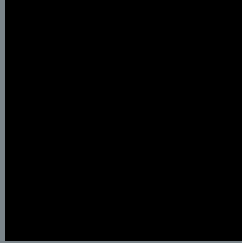
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

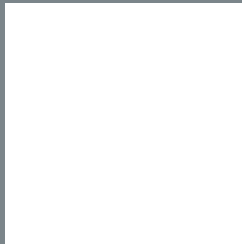
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B858A Background



This preview shows how black text looks on a background with the Hex color 7B858A.



This preview shows how white text looks on a background with the Hex color 7B858A.

# 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](#).

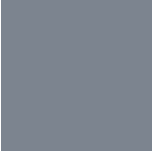
## Dichromacy



**Original Color**  
7B858A

**Protanopia**  
848288

**Deuteranopia**  
8C7F8B



**Tritanopia**  
7C848F

# Trichromacy



**Original Color**

7B858A

**Protanomaly**

818389

**Deuteranomaly**

86818B

**Tritanomaly**

7C848D

# Monochromacy



**Original Color**

7B858A

**Achromatopsia**

838383

**Achromatomaly**

808486

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B858A 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 #7B858A looks like.

```
.text, #text, p{  
    color:#7B858A  
}
```

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 #7B858A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B858A
}
```

## Border

The CSS property to change the border of an element to Hex 7B858A is called "border". The border property can be set on classes, ids or directly on the HTML element.

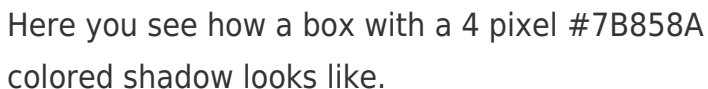
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B858A }
```

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

```
.border{ border-color:#7B858A }
```

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



Here you see how a box with a 4 pixel #7B858A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B858A; -webkit-box-shadow:4px 4px  
4px 4px #7B858A; box-shadow:4px 4px 4px  
4px #7B858A }
```

# Background

The CSS property to change the background color of an element to Hex 7B858A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B858A }
```

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

```
.background{ background-color:#7B858A }
```

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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