

# Converting Colors

Hex(80858B)

Have a look what the booklet for  
Hex(80858B) contains.

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# Color

**Hex(80858B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80858B
RGB	128, 133, 139
RGB Percent	50%, 52%, 55%
CMY	0.4980, 0.4784, 0.4549
CMYK	0.08, 0.04, 0.00, 0.45
HSL	213°, 5%, 52%
HSV	213°, 8%, 55%
XYZ	21.9498, 23.2283, 27.7527
YIQ	132.1890, -4.9060, 0.8060

# Conversions

## Conversions Part 2

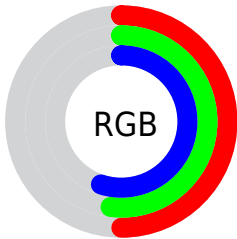
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 131, 139
Decimal	8422795
CIE Lab	55.31, -0.60, -3.86
CIE LCh	55, 3.910, 261.245
Yxy	23.2283, 0.3010, 0.3185
Android (android.graphics.Color)	4286612875 (0xFF80858B)
YUV	132.1890, 3.3578, -3.6738
Hunter-Lab	48.1958, -3.0483, -0.4041

# Details

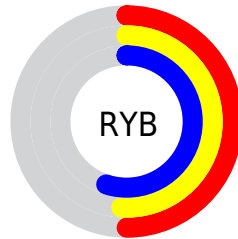
The Hex color **80858B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B8680**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B5BAC0**, and **4F5459** is the 20% darker color. If you saturate the color by 10%, you get **727D8B**, and if you desaturate by 10%, it is **8E8D8B**.

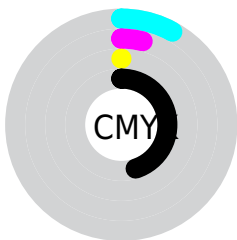
# Distribution



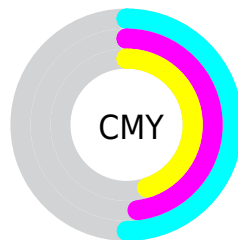
- Red (50%)
- Green (52%)
- Blue (55%)



- Red (50%)
- Yellow (51%)
- Blue (55%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (48%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80858B 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 80858B by changing the saturation by 10% instead.





80858B



80858B

FFFFFF



676C72



B5BAC0



4F5459



D0D6DC



383D42



EDF2F9



23272C



0D1217



000000



80858B



80858B



727D8B



8E8D8B



64768B



9C948B

■ 566E8B

■ AA9C8B

■ 48678B

■ B8A38B

■ 3B5F8B

■ C5AB8B

■ 2D588B

■ D3B28B

■ 1F508B

■ E1BA8B

■ 11488B

■ EFC28B

■ 03418B

■ FDC98B

# Harmonies

## Analogous

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



7D868A



80858B



84848B

# Triad

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



80858B



8C8282



818680

# Complementary

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



80858B



8B8680

# 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.



85857E



80858B



8B837F

# Square

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



80858B



8B8286



88847E



7E8683

# Rectangle

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



80858B



87838A



88847E



82867F



# Sweetspot

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



80858B



B1B3B5



808B86



5A5B5C



DBDBDB



5C5C5C



# Same Dimension

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



80858B



A5ACB5



80808B



3E4145



003C85



000205



# Inverse Universe

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



8B8085



B5A5AC



8B8B80



453E41



85003C

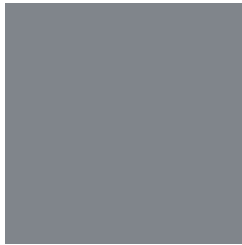


050002



# Previews

## White Background



This preview shows how the Hex color 80858B looks on a white background.

## Color Contrast Check

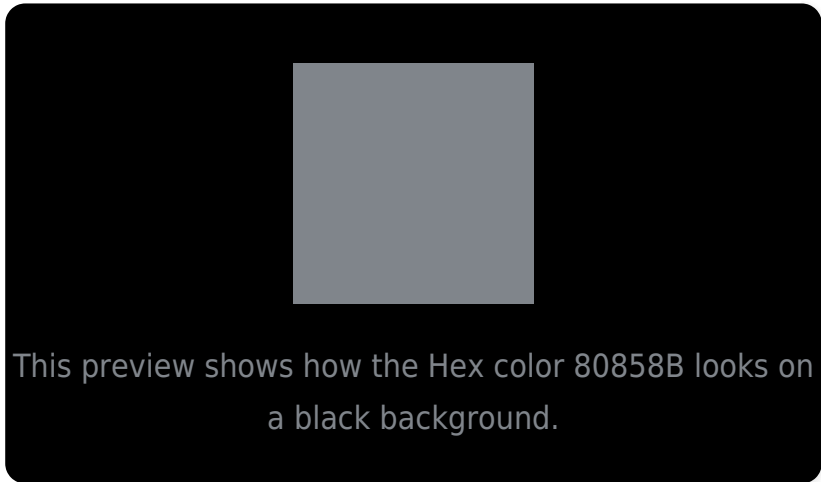
Large Text (above 18pt) WCAG AA ✓ Pass

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

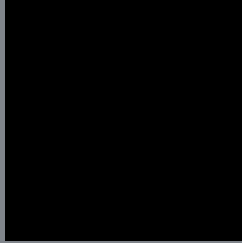
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

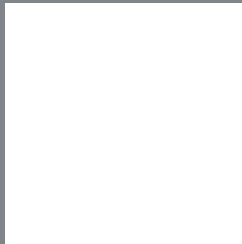
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80858B Background



This preview shows how black text looks on a background with the Hex color 80858B.



This preview shows how white text looks on a background with the Hex color 80858B.

# 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](#).

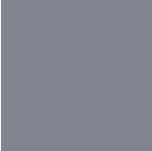
## Dichromacy



**Original Color**  
80858B

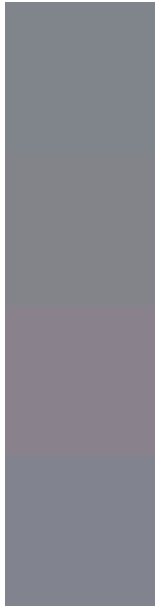
**Protanopia**  
85848A

**Deuteranopia**  
8E808C



**Tritanopia**  
81848F

# Trichromacy



**Original Color**  
80858B

**Protanomaly**  
83848A

**Deuteranomaly**  
89828C

**Tritanomaly**  
81848E

# Monochromacy



**Original Color**  
80858B

**Achromatopsia**  
848484

**Achromatomaly**  
838487

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80858B 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 #80858B looks like.

```
.text, #text, p{  
    color:#80858B  
}
```

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 #80858B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80858B
}
```

## Border

The CSS property to change the border of an element to Hex 80858B is called "border". The border property can be set on classes, ids or directly on the HTML element.

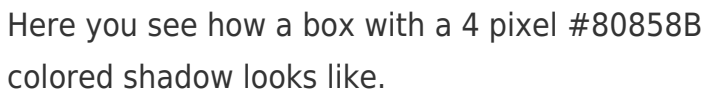
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80858B }
```

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

```
.border{ border-color:#80858B }
```

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



Here you see how a box with a 4 pixel #80858B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80858B; -webkit-box-shadow:4px 4px  
4px 4px #80858B; box-shadow:4px 4px 4px  
4px #80858B }
```

# Background

The CSS property to change the background color of an element to Hex 80858B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80858B }
```

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

```
.background{ background-color:#80858B }
```

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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