

Converting Colors

Hex(7B8D89)

Have a look what the booklet for
Hex(7B8D89) contains.

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Color

Hex(7B8D89)

Conversions

Conversions Part 1

Format	Color
Hex	7B8D89
RGB	123, 141, 137
RGB Percent	48%, 55%, 54%
CMY	0.5176, 0.4471, 0.4627
CMYK	0.13, 0.00, 0.03, 0.45
HSL	167°, 7%, 52%
HSV	167°, 13%, 55%
XYZ	22.2086, 25.0668, 27.3348
YIQ	135.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

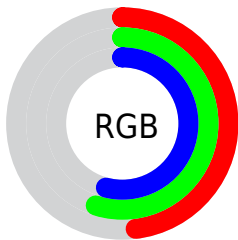
Format	Color
R_{YB}	123, 133, 141
Decimal	8097161
CIE _{Lab}	57.14, -7.30, -0.06
CIE _{LCh}	57, 7.299, 180.498
Yxy	25.0668, 0.2977, 0.3360
Android (android.graphics.Color)	4286287241 (0xFF7B8D89)
YUV	135.1620, 0.9061, -10.6661
Hunter-Lab	50.0668, -8.4380, 2.6764

Details

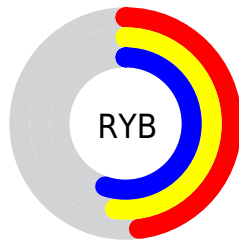
The Hex color **7B8D89** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D7B7F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B0C3BE**, and **4A5B57** is the 20% darker color. If you saturate the color by 10%, you get **6D8D86**, and if you desaturate by 10%, it is **898D8C**.

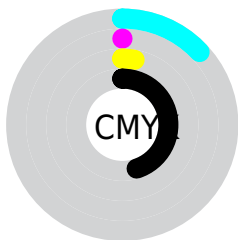
Distribution



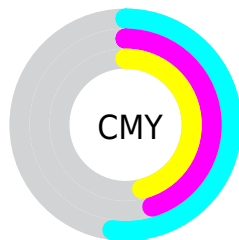
- Red (48%)
- Green (55%)
- Blue (54%)



- Red (48%)
- Yellow (52%)
- Blue (55%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (52%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B8D89 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 7B8D89 by changing the saturation by 10% instead.



7B8D89



7B8D89

FFFFFF



627370



B0C3BE



4A5B57



CBDFDA



334340



E7FBF7



1E2D2A



071916



000000



7B8D89



7B8D89



6D8D86



898D8C



5F8D83



978D8F

■ 518D80

■ A58D92

■ 438D7C

■ B38D96

■ 348D79

■ C28D99

■ 268D76

■ D08D9C

■ 188D73

■ DE8D9F

■ 0A8D70

■ EC8DA2

■ 008D6E

■ FA8DA5

Harmonies

Analogous

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



808C83



7B8D89



7A8D8F

Triad

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



7B8D89



8B8794



94877E

Complementary

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



7B8D89



8D7B7F

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.



978583



7B8D89



928690

Square

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



7B8D89



838A96



968589



8E897D

Rectangle

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



7B8D89



7B8C93



968589



958680

Sweetspot

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



7B8D89



B0B8B6



7F8D7B



575C5B



DBDBDB



5C5C5C

Same Dimension

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



7B8D89



9CB8B1



7B888D



404746



008769



000806

Inverse Universe

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



8D7B7F



B89CA2



8D807B



474042



87001E



080002

Previews

White Background



This preview shows how the Hex color 7B8D89 looks on a white background.

Color Contrast Check

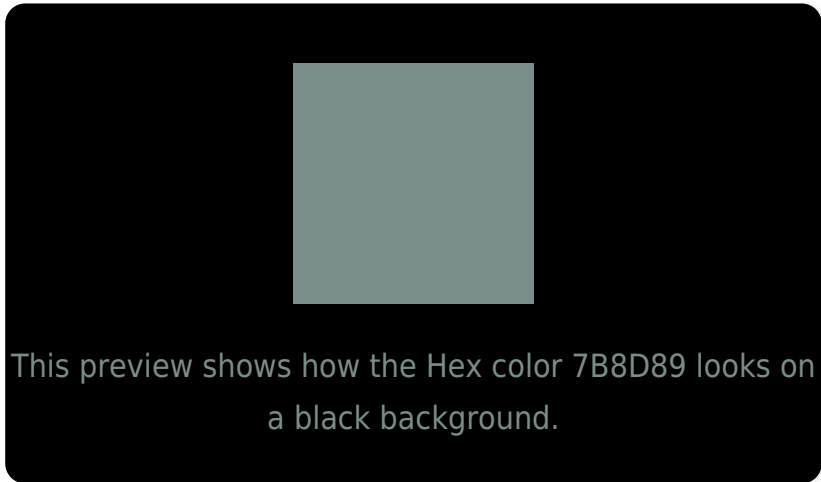
Large Text (above 18pt) WCAG AA ✓ Pass

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

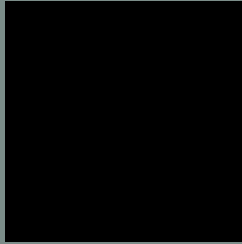
Any Text WCAG AA ✓ Pass

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 7B8D89 Background



This preview shows how black text looks on a background with the Hex color 7B8D89.

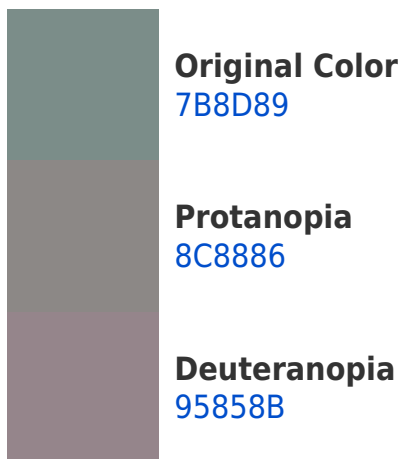


This preview shows how white text looks on a background with the Hex color 7B8D89.

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](#).

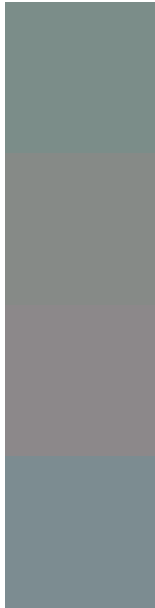
Dichromacy





Tritanopia
7D8B96

Trichromacy



Original Color
7B8D89

Protanomaly
868A87

Deuteranomaly
8C888A

Tritanomaly
7C8C91

Monochromacy



Original Color
7B8D89

Achromatopsia
878787

Achromatomaly
838988

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B8D89 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 #7B8D89 looks like.

```
.text, #text, p{  
    color:#7B8D89  
}
```

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 #7B8D89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8D89
}
```

Border

The CSS property to change the border of an element to Hex 7B8D89 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
#7B8D89 }
```

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

```
.border{ border-color:#7B8D89 }
```

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

Here you see how a box with a 4 pixel #7B8D89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8D89; -webkit-box-shadow:4px 4px  
4px 4px #7B8D89; box-shadow:4px 4px 4px  
4px #7B8D89 }
```

Background

The CSS property to change the background color of an element to Hex 7B8D89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8D89 }
```

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

```
.background{ background-color:#7B8D89 }
```

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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