

Converting Colors

Hex(7A7C8B)

Have a look what the booklet for
Hex(7A7C8B) contains.

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Color

Hex(7A7C8B)

Conversions

Conversions Part 1

Format	Color
Hex	7A7C8B
RGB	122, 124, 139
RGB Percent	48%, 49%, 55%
CMY	0.5216, 0.5137, 0.4549
CMYK	0.12, 0.11, 0.00, 0.45
HSL	233°, 7%, 51%
HSV	233°, 12%, 55%
XYZ	19.8939, 20.4170, 27.3184
YIQ	125.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

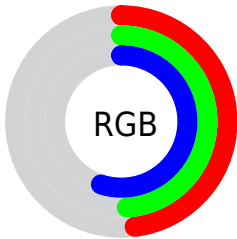
Format	Color
R_{YB}	122, 124, 139
Decimal	8027275
CIE Lab	52.31, 2.45, -8.37
CIE LCh	52, 8.725, 286.297
Yxy	20.4170, 0.2942, 0.3019
Android (android.graphics.Color)	4286217355 (0xFF7A7C8B)
YUV	125.1120, 6.8468, -2.7292
Hunter-Lab	45.1851, -0.4849, -4.2165

Details

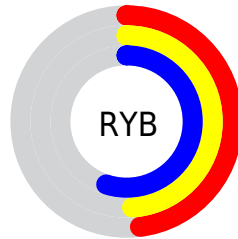
The Hex color **7A7C8B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B897A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AEB0C0**, and **494B59** is the 20% darker color. If you saturate the color by 10%, you get **6C708B**, and if you desaturate by 10%, it is **88888B**.

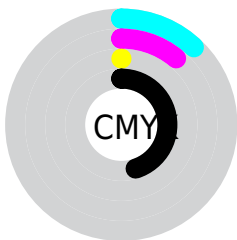
Distribution



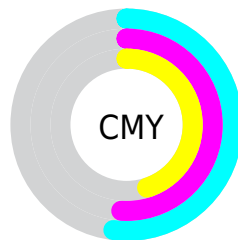
- Red (48%)
- Green (49%)
- Blue (55%)



- Red (48%)
- Yellow (49%)
- Blue (55%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (52%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7C8B 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 7A7C8B by changing the saturation by 10% instead.

■ 7A7C8B

■ 7A7C8B

FFFFFF

■ 616372

■ AEB0C0

■ 494B59

■ CACCDC

■ 333542

■ E6E8F9

■ 1D202C

■ 050717

■ 000000

■ 7A7C8B

■ 7A7C8B

■ 6C708B

■ 88888B

■ 5E638B

■ 96958B

50578B

A4A18B

424B8B

B2AD8B

353F8B

C0B98B

27328B

CDC68B

19268B

DBD28B

0B1A8B

E9DE8B

00108B

F7EA8B

Harmonies

Analogous

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



717E8B



7A7C8B



837A87

Triad

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



7A7C8B



8C7972



6E8179

Complementary

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



7A7C8B



8B897A

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.



768072



7A7C8B



867B6E

Square

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



7A7C8B



8D7879



7F7E6E



6A8181

Rectangle

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



7A7C8B



887883



7F7E6E



718177

Sweetspot

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



7A7C8B



AEAFB5



7A8B89



57585C



DBDBDB



5C5C5C

Same Dimension

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



7A7C8B



9A9DB5



807A8B



3E3F45



001085



000105

Inverse Universe

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



8B7A7C



B59A9D



858B7A



453E3F



850010



050001

Previews

White Background



This preview shows how the Hex color 7A7C8B looks on a white background.

Color Contrast Check

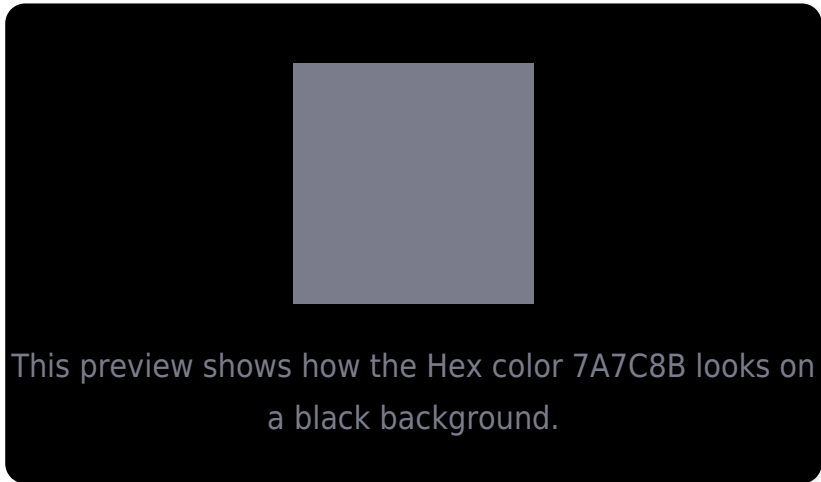
Large Text (above 18pt) WCAG AA ✓ Pass

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

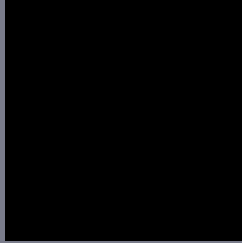
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

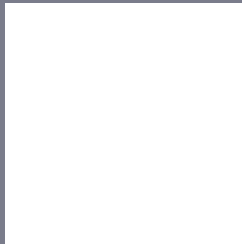
Any Text WCAG AAA × Fail

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

Hex 7A7C8B Background



This preview shows how black text looks on a background with the Hex color 7A7C8B.



This preview shows how white text looks on a background with the Hex color 7A7C8B.

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


7A7C8B

Protanopia

7B7C8B

Deuteranopia

82798C



Tritanopia
797D87

Trichromacy



Original Color
7A7C8B

Protanomaly
7B7C8B

Deuteranomaly
7F7A8C

Tritanomaly
797D88

Monochromacy



Original Color
7A7C8B

Achromatopsia
7D7D7D

Achromatomaly
7C7D82

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7C8B 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 #7A7C8B looks like.

```
.text, #text, p{  
    color:#7A7C8B  
}
```

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 #7A7C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7C8B
}
```

Border

The CSS property to change the border of an element to Hex 7A7C8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

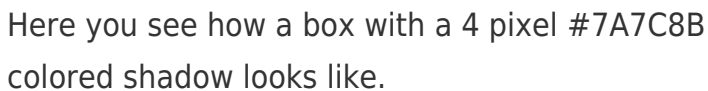
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A7C8B }
```

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

```
.border{ border-color:#7A7C8B }
```

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



Here you see how a box with a 4 pixel #7A7C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7C8B; -webkit-box-shadow:4px 4px  
4px 4px #7A7C8B; box-shadow:4px 4px 4px  
4px #7A7C8B }
```

Background

The CSS property to change the background color of an element to Hex 7A7C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7C8B }
```

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

```
.background{ background-color:#7A7C8B }
```

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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