

Converting Colors

Hex(797B8B)

Have a look what the booklet for
Hex(797B8B) contains.

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Color

Hex(797B8B)

Conversions

Conversions Part 1

Format	Color
Hex	797B8B
RGB	121, 123, 139
RGB Percent	47%, 48%, 55%
CMY	0.5255, 0.5176, 0.4549
CMYK	0.13, 0.12, 0.00, 0.45
HSL	233°, 7%, 51%
HSV	233°, 13%, 55%
XYZ	19.6283, 20.0949, 27.2703
YIQ	124.2260, -6.3280, 4.5520

Conversions

Conversions Part 2

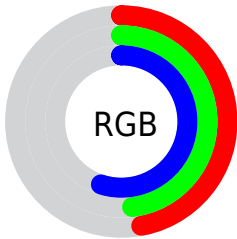
Format	Color
RYB	121, 123, 139
Decimal	7961483
CIELab	51.94, 2.68, -8.92
CIElCh	52, 9.316, 286.703
Yxy	20.0949, 0.2930, 0.3000
Android (android.graphics.Color)	4286151563 (0xFF797B8B)
YUV	124.2260, 7.2836, -2.8292
Hunter-Lab	44.8274, -0.2891, -4.6893

Details

The Hex color **797B8B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B8979**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **ADAFC0**, and **484A59** is the 20% darker color. If you saturate the color by 10%, you get **6B6F8B**, and if you desaturate by 10%, it is **87878B**.

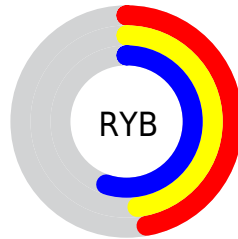
Distribution



Red (47%)

Green (48%)

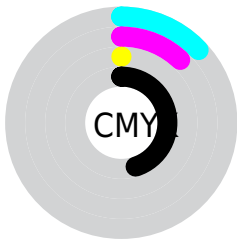
Blue (55%)



Red (47%)

Yellow (48%)

Blue (55%)

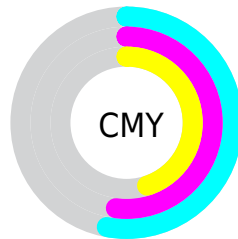


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (45%)



Cyan (53%)

Magenta (52%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 797B8B 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 797B8B by changing the saturation by 10% instead.



797B8B



797B8B

FFFFFF



606272



ADAFC0



484A59



C9CBDC



323442



E5E7F9



1C1F2C



040617



000000



797B8B



797B8B



6B6F8B



87878B



5D628B



95948B

■ 4F568B

■ A3A08B

■ 414A8B

■ B1AC8B

■ 343D8B

■ BEB98B

■ 26318B

■ CCC58B

■ 18258B

■ DAD18B

■ 0A188B

■ E8DE8B

■ 000F8B

■ F6EA8B

Harmonies

Analogous

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



6F7E8B



797B8B



837887

Triad

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



797B8B



8C7871



6C8078

Complementary

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



797B8B



8B8979

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.



747F71



797B8B



867A6D

Square

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



797B8B



8D7778



7E7D6D



688180

Rectangle

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



797B8B



887782



7E7D6D



6F8075

Sweetspot

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



797B8B



AEAFB5



798B89



57585C



DBDBDB



5C5C5C

Same Dimension

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



797B8B



989BB5



80798B



3E3F45



000F85



000105

Inverse Universe

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



8B797B



B5989B



848B79



453E3F



85000F



050001

Previews

White Background



This preview shows how the Hex color 797B8B looks on a white background.

Color Contrast Check

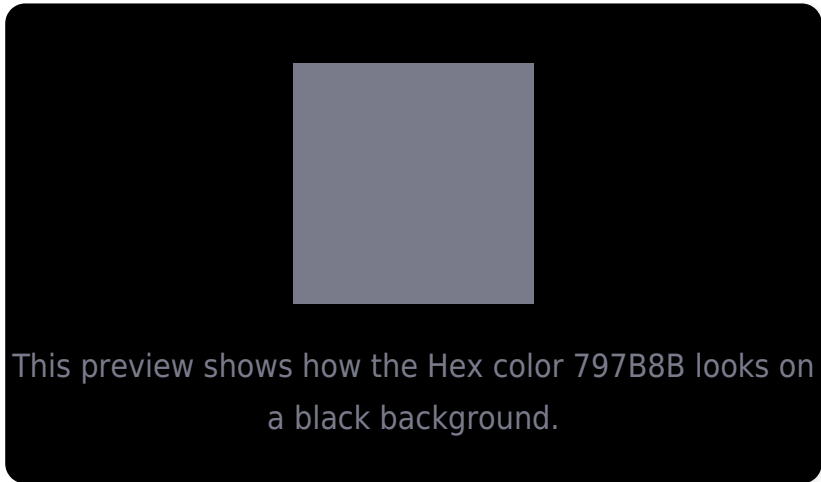
Large Text (above 18pt) WCAG AA ✓ Pass

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

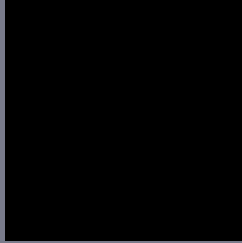
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

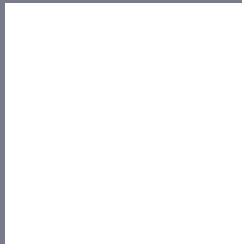
Any Text WCAG AAA × Fail

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

Hex 797B8B Background



This preview shows how black text looks on a background with the Hex color 797B8B.



This preview shows how white text looks on a background with the Hex color 797B8B.

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
797B8B

Protanopia
797B8B

Deuteranopia
80798B



Tritanopia
787C86

Trichromacy



Original Color

797B8B

Protanomaly

797B8B

Deuteranomaly

7D7A8B

Tritanomaly

787C88

Monochromacy



Original Color

797B8B

Achromatopsia

7C7C7C

Achromatomaly

7B7C81

CSS Examples

Text

The CSS property to change the color of the text to Hex 797B8B 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 #797B8B looks like.

```
.text, #text, p{  
    color:#797B8B  
}
```

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 #797B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797B8B
}
```

Border

The CSS property to change the border of an element to Hex 797B8B 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
#797B8B }
```

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

```
.border{ border-color:#797B8B }
```

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

Here you see how a box with a 4 pixel #797B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797B8B; -webkit-box-shadow:4px 4px  
4px 4px #797B8B; box-shadow:4px 4px 4px  
4px #797B8B }
```

Background

The CSS property to change the background color of an element to Hex 797B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797B8B }
```

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

```
.background{ background-color:#797B8B }
```

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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