

Converting Colors

Hex(798C8D)

Have a look what the booklet for
Hex(798C8D) contains.

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Color

Hex(798C8D)

Conversions

Conversions Part 1

Format	Color
Hex	798C8D
RGB	121, 140, 141
RGB Percent	47%, 55%, 55%
CMY	0.5255, 0.4510, 0.4471
CMYK	0.14, 0.01, 0.00, 0.45
HSL	183°, 8%, 51%
HSV	183°, 14%, 55%
XYZ	22.0710, 24.7442, 28.8121
YIQ	134.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

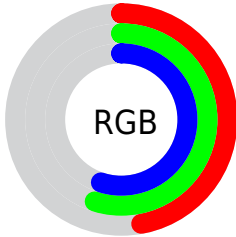
Format	Color
R_{YB}	121, 131, 141
Decimal	7965837
CIE _{Lab}	56.83, -6.58, -2.84
CIE _{LCh}	57, 7.164, 203.354
Yxy	24.7442, 0.2918, 0.3272
Android (android.graphics.Color)	4286155917 (0xFF798C8D)
YUV	134.4330, 3.2375, -11.7807
Hunter-Lab	49.7435, -7.8517, 0.4789

Details

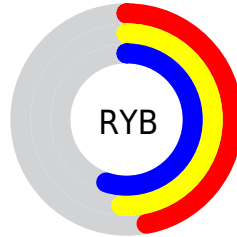
The Hex color **798C8D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D7A79**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **AEC2C3**, and **485A5B** is the 20% darker color. If you saturate the color by 10%, you get **6B8B8D**, and if you desaturate by 10%, it is **878D8D**.

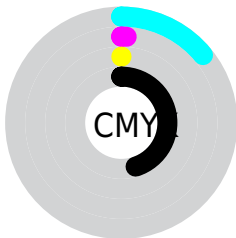
Distribution



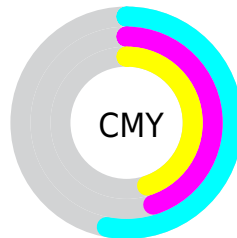
- Red (47%)
- Green (55%)
- Blue (55%)



- Red (47%)
- Yellow (51%)
- Blue (55%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798C8D 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 798C8D by changing the saturation by 10% instead.

798C8D

798C8D

FFFFFF

607373

AEC2C3

485A5B

C9DDDE

314344

E5FAFB

1C2C2D

041819

000000

798C8D

798C8D

6B8B8D

878D8D

5D8B8D

958D8D

4F8A8D

A38E8D

41898D

B18F8D

32888D

BF908D

24888D

CE908D

16878D

DC918D

08868D

EA928D

00868D

F8928D

Harmonies

Analogous

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



7B8C87



798C8D



7B8B92

Triad

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



798C8D



8F8590



8F877C

Complementary

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



798C8D



8D7A79

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.



94867F



798C8D



94848A

Square

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



798C8D



888794



968484



88897D

Rectangle

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



798C8D



7E8A94



968484



91877D

Sweetspot

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



798C8D



B0B7B8



798D7A



575C5C



DBDBDB



5C5C5C

Same Dimension

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



798C8D



98B6B8



79828D



404747



008087



000708

Inverse Universe

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



8D798C



B898B6



8D8479



474047



870080



080007

Previews

White Background



This preview shows how the Hex color 798C8D looks on a white background.

Color Contrast Check

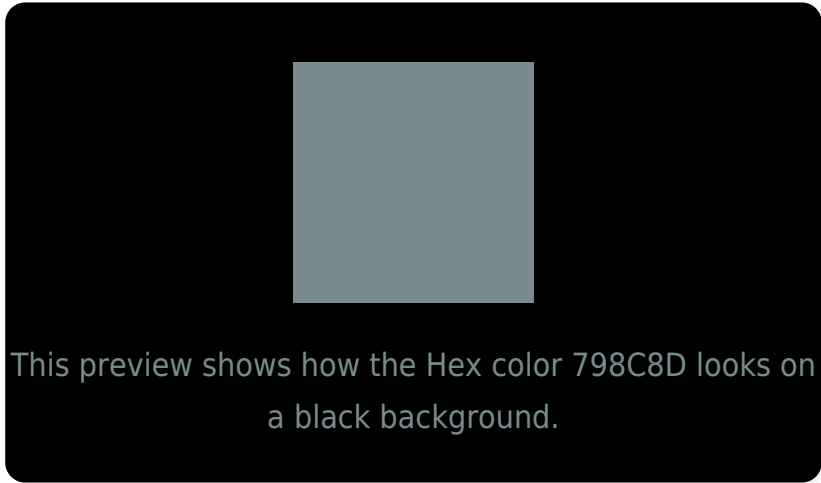
Large Text (above 18pt) WCAG AA ✓ Pass

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

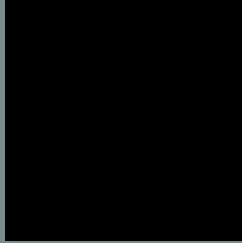
Any Text WCAG AA ✓ Pass

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 798C8D Background



This preview shows how black text looks on a background with the Hex color 798C8D.

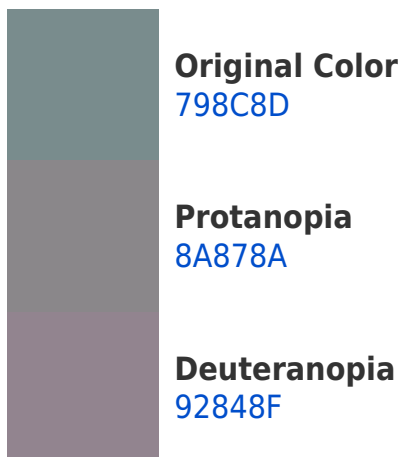


This preview shows how white text looks on a background with the Hex color 798C8D.

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
7B8B96

Trichromacy



Original Color

798C8D

Protanomaly

84898B

Deuteranomaly

89878E

Tritanomaly

7A8B93

Monochromacy



Original Color

798C8D

Achromatopsia

868686

Achromatomaly

818889

CSS Examples

Text

The CSS property to change the color of the text to Hex 798C8D 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 #798C8D looks like.

```
.text, #text, p{  
    color:#798C8D  
}
```

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 #798C8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798C8D
}
```

Border

The CSS property to change the border of an element to Hex 798C8D 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
#798C8D }
```

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

```
.border{ border-color:#798C8D }
```

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

Here you see how a box with a 4 pixel #798C8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798C8D; -webkit-box-shadow:4px 4px  
4px 4px #798C8D; box-shadow:4px 4px 4px  
4px #798C8D }
```

Background

The CSS property to change the background color of an element to Hex 798C8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798C8D }
```

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

```
.background{ background-color:#798C8D }
```

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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