

Converting Colors

Hex(798F9A)

Have a look what the booklet for
Hex(798F9A) contains.

Hex(798F9A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(798F9A)

Conversions

Conversions Part 1

Format	Color
Hex	798F9A
RGB	121, 143, 154
RGB Percent	47%, 56%, 60%
CMY	0.5255, 0.4392, 0.3961
CMYK	0.21, 0.07, 0.00, 0.40
HSL	200°, 14%, 54%
HSV	200°, 21%, 60%
XYZ	23.5404, 26.0430, 34.3579
YIQ	137.6760, -16.6430, -1.2430

Conversions

Conversions Part 2

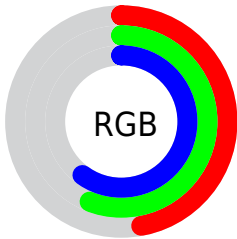
Format	Color
R_{YB}	121, 134, 154
Decimal	7966618
CIE _{Lab}	58.08, -5.30, -8.44
CIE _{LCh}	58, 9.968, 237.865
Yxy	26.0430, 0.2804, 0.3103
Android (android.graphics.Color)	4286156698 (0xFF798F9A)
YUV	137.6760, 8.0477, -14.6249
Hunter-Lab	51.0323, -6.9675, -4.1949

Details

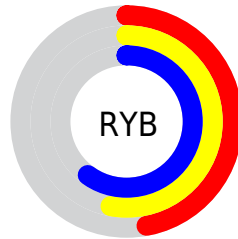
The Hex color **798F9A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9A8479**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **AEC5D0**, and **485D67** is the 20% darker color. If you saturate the color by 10%, you get **6A8A9A**, and if you desaturate by 10%, it is **88949A**.

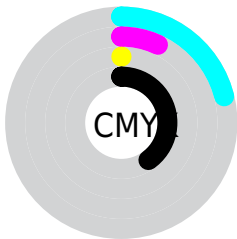
Distribution



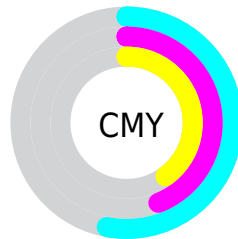
- Red (47%)
- Green (56%)
- Blue (60%)



- Red (47%)
- Yellow (53%)
- Blue (60%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (40%)



- Cyan (53%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798F9A 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 798F9A by changing the saturation by 10% instead.



798F9A



798F9A

FFFFFF



607580



AEC5D0



485D67



C9E1ED



30454F



E6FDFF



1A2F38



041A23



00000C



000000



798F9A



798F9A



6A8A9A



88949A

■ 5A859A

■ 98999A

■ 4B809A

■ A79E9A

■ 3B7A9A

■ B7A49A

■ 2C759A

■ C6A99A

■ 1D709A

■ D5AE9A

■ 0D6B9A

■ E5B39A

■ 00679A

■ F4B89A

■ FFBD9A

Harmonies

Analogous

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



769193



798F9A



828C9D

Triad

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



798F9A



9D868D



8A8E7C

Complementary

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



798F9A



9A8479

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.



938B7A



798F9A



9E8684

Square

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



798F9A



978795



9B887D



809082

Rectangle

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



798F9A



898B9C



9B887D



8D8D7B

Sweetspot

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



798F9A



BDC5C9



799A84



5F6466



E6E6E6



666666

Same Dimension

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



798F9A



95B8C9



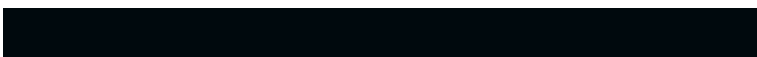
797F9A



454A4D



005E8C



00090D

Inverse Universe

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



9A798F



C995B8



9A9479



4D454A



8C005D



0D0008

Previews

White Background



This preview shows how the Hex color 798F9A looks on a white background.

Color Contrast Check

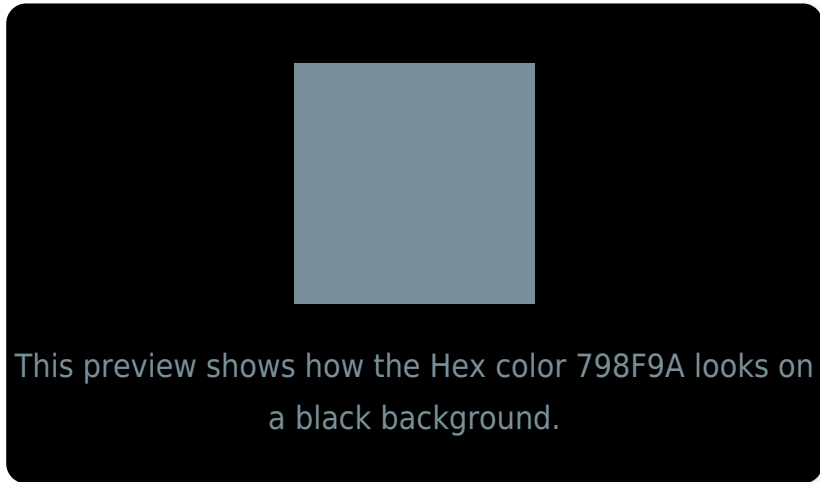
Large Text (above 18pt) WCAG AA ✓ Pass

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

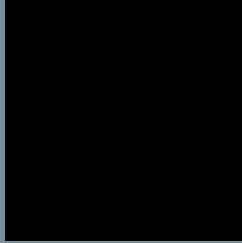
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

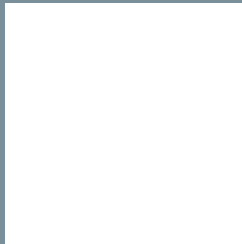
Any Text WCAG AAA × Fail

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

Hex 798F9A Background



This preview shows how black text looks on a background with the Hex color 798F9A.

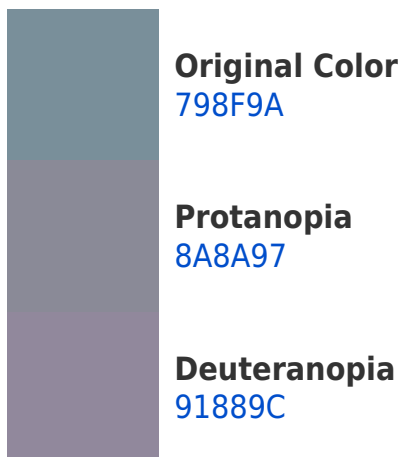


This preview shows how white text looks on a background with the Hex color 798F9A.

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
798F9A

Trichromacy



Original Color

798F9A

Protanomaly

848C98

Deuteranomaly

888B9B

Tritanomaly

798F9A

Monochromacy



Original Color

798F9A

Achromatopsia

8A8A8A

Achromatomaly

848C90

CSS Examples

Text

The CSS property to change the color of the text to Hex 798F9A 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 #798F9A looks like.

```
.text, #text, p{  
    color:#798F9A  
}
```

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 #798F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798F9A
}
```

Border

The CSS property to change the border of an element to Hex 798F9A 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
#798F9A }
```

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

```
.border{ border-color:#798F9A }
```

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

Here you see how a box with a 4 pixel #798F9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798F9A; -webkit-box-shadow:4px 4px  
4px 4px #798F9A; box-shadow:4px 4px 4px  
4px #798F9A }
```

Background

The CSS property to change the background color of an element to Hex 798F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798F9A }
```

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

```
.background{ background-color:#798F9A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor