

Converting Colors

Hex(4F998A)

Have a look what the booklet for
Hex(4F998A) contains.

Hex(4F998A)	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(4F998A)

Conversions

Conversions Part 1

Format	Color
Hex	4F998A
RGB	79, 153, 138
RGB Percent	31%, 60%, 54%
CMY	0.6902, 0.4000, 0.4588
CMYK	0.48, 0.00, 0.10, 0.40
HSL	168°, 32%, 45%
HSV	168°, 48%, 60%
XYZ	19.2031, 26.2797, 28.1051
YIQ	129.1640, -39.2890, -20.3530

Conversions

Conversions Part 2

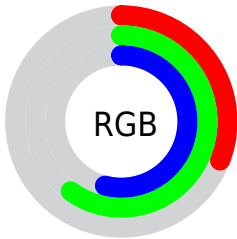
Format	Color
R_{YB}	79, 120, 153
Decimal	5216650
CIE _{Lab}	58.30, -26.87, 0.76
CIE _{LCh}	58, 26.885, 178.371
Yxy	26.2797, 0.2610, 0.3571
Android (android.graphics.Color)	4283406730 (0xFF4F998A)
YUV	129.1640, 4.3561, -43.9938
Hunter-Lab	51.2637, -22.8464, 3.3791

Details

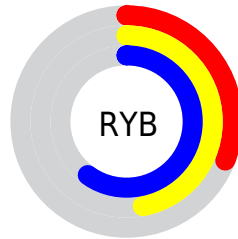
The Hex color **4F998A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **994F5E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **85D0BF**, and **146558** is the 20% darker color. If you saturate the color by 10%, you get **409987**, and if you desaturate by 10%, it is **5E998D**.

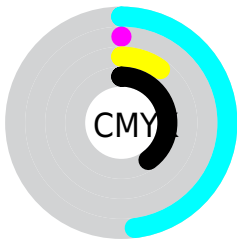
Distribution



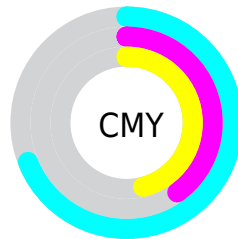
- Red (31%)
- Green (60%)
- Blue (54%)



- Red (31%)
- Yellow (47%)
- Blue (60%)



- Cyan (48%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F998A 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 4F998A by changing the saturation by 10% instead.



4F998A



4F998A

FFFFFF



347F71



85D0BF



146558



A0ECDB



004D41



BDFFF8



00362B



D9FFFF



002116



F6FFFF



000000



4F998A



4F998A



409987



5E998D



309984



6E9990

■ 219981

■ 7D9993

■ 12997E

■ 8C9996

■ 03997A

■ 9C999A

■ 00997A

■ AB999D

■ BA99A0

■ C999A3

■ D999A6

Harmonies

Analogous

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



6A9773



4F998A



3F99A2

Triad

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



4F998A



8E87B5



B18265

Complementary

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



4F998A



994F5E

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.



BB7C77



4F998A



A97FA5

Square

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



4F998A



6B8FBB



B87B8E



9E8A5D

Rectangle

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



4F998A



4397AF



B87B8E



B5806A

Sweetspot

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



4F998A



A9C7C1



5F994F



526360



E3E3E3



636363

Same Dimension

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



4F998A



54C7B0



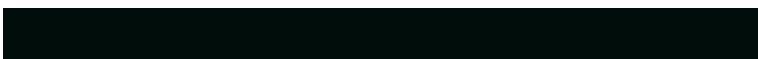
4F8499



454D4B



008C70



000D0A

Inverse Universe

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



994F5E



C7546B



99644F



4D4546



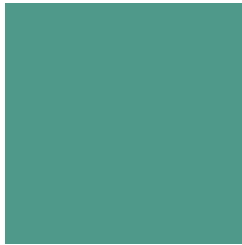
8C001C



0D0003

Previews

White Background



This preview shows how the Hex color 4F998A looks on a white background.

Color Contrast Check

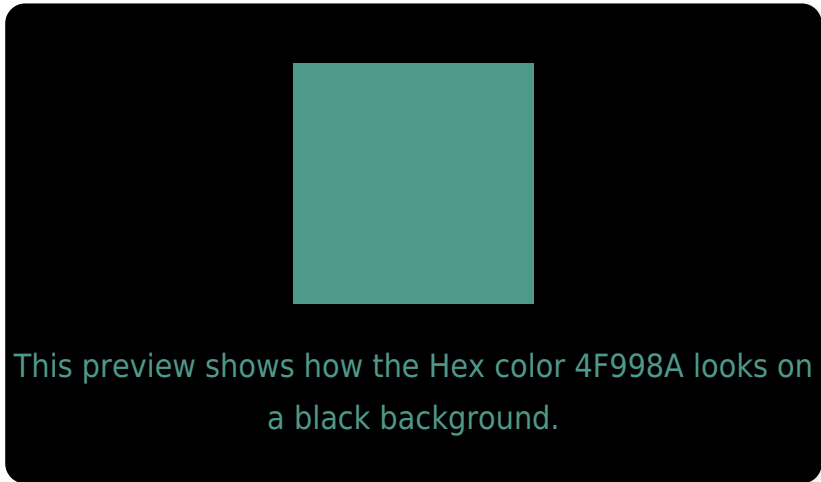
Large Text (above 18pt) WCAG AA ✓ Pass

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

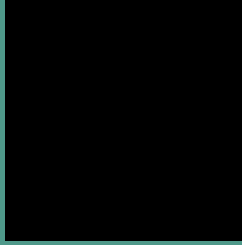
Any Text WCAG AA ✓ Pass

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 4F998A Background



This preview shows how black text looks on a background with the Hex color 4F998A.

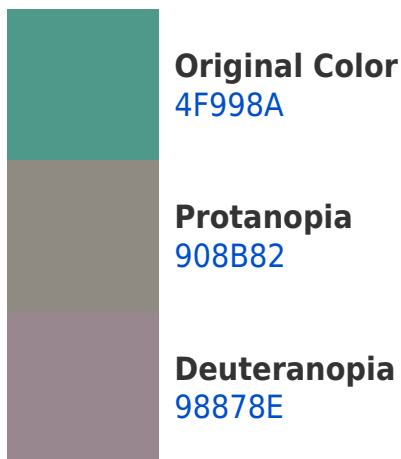


This preview shows how white text looks on a background with the Hex color 4F998A.

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](#).

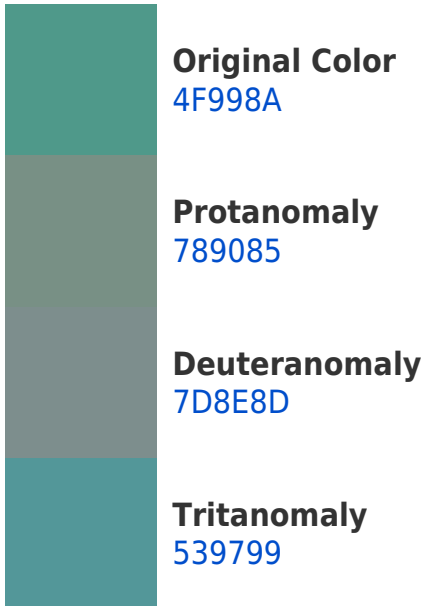
Dichromacy



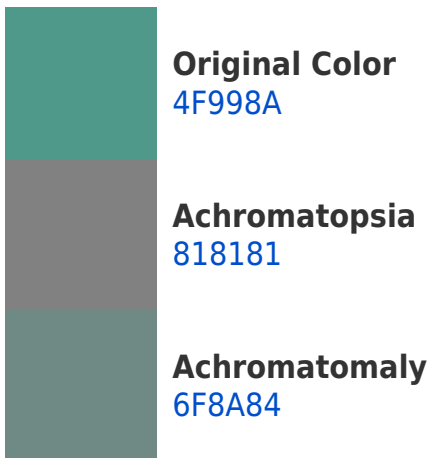


Tritanopia
5696A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F998A 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 #4F998A looks like.

```
.text, #text, p{  
    color:#4F998A  
}
```

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 #4F998A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F998A
}
```

Border

The CSS property to change the border of an element to Hex 4F998A 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
#4F998A }
```

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

```
.border{ border-color:#4F998A }
```

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

Here you see how a box with a 4 pixel #4F998A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F998A; -webkit-box-shadow:4px 4px  
4px 4px #4F998A; box-shadow:4px 4px 4px  
4px #4F998A }
```

Background

The CSS property to change the background color of an element to Hex 4F998A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F998A }
```

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

```
.background{ background-color:#4F998A }
```

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