

Converting Colors

Hex(5D998C)

Have a look what the booklet for
Hex(5D998C) contains.

Hex(5D998C)	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(5D998C)

Conversions

Conversions Part 1

Format	Color
Hex	5D998C
RGB	93, 153, 140
RGB Percent	36%, 60%, 55%
CMY	0.6353, 0.4000, 0.4510
CMYK	0.39, 0.00, 0.08, 0.40
HSL	167°, 24%, 48%
HSV	167°, 39%, 60%
XYZ	20.6391, 27.0031, 28.9353
YIQ	133.5780, -31.5870, -16.7630

Conversions

Conversions Part 2

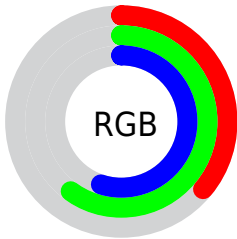
Format	Color
R_{YB}	93, 127, 153
Decimal	6134156
CIE _{Lab}	58.98, -22.65, 0.69
CIE _{LCh}	59, 22.658, 178.262
Yxy	27.0031, 0.2695, 0.3526
Android (android.graphics.Color)	4284324236 (0xFF5D998C)
YUV	133.5780, 3.1660, -35.5869
Hunter-Lab	51.9645, -20.0419, 3.3608

Details

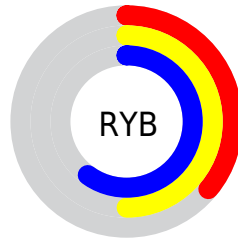
The Hex color **5D998C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **995D6A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **92D0C1**, and **29665A** is the 20% darker color. If you saturate the color by 10%, you get **4E9989**, and if you desaturate by 10%, it is **6C998F**.

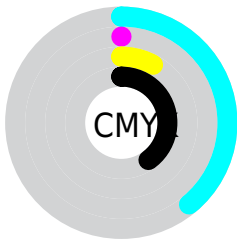
Distribution



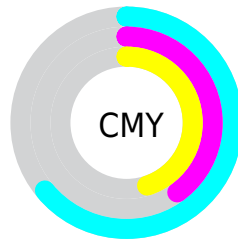
- Red (36%)
- Green (60%)
- Blue (55%)



- Red (36%)
- Yellow (50%)
- Blue (60%)



- Cyan (39%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D998C 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 5D998C by changing the saturation by 10% instead.



5D998C



5D998C

FFFFFF



437F73



92D0C1



29665A



ADECDD



0B4D43



C9FFFA



00362D



E6FFFF



002118



000000



5D998C



5D998C



4E9989



6C998F



3E9985



7C9993

 2F9982


 8B9996

 20997F

 9A9999

 10997B

 AA999D

 019978

 B999A0

 009978

 C899A3

 D799A7

 E799AA

Harmonies

Analogous

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



729778



5D998C



5399A0

Triad

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



5D998C



8F89B1



AE866D

Complementary

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



5D998C



995D6A

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.



B6817C



5D998C



A683A3

Square

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



5D998C



7490B5



B48090



9E8C66

Rectangle

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



5D998C



5697AB



B48090



B18471

Sweetspot

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



5D998C



AFC7C2



6A995D



566360



E3E3E3



636363

Same Dimension

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



5D998C



69C7B3



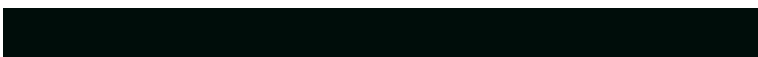
5D8899



454D4B



008C6E



000D0A

Inverse Universe

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



995D6A



C7697E



996E5D



4D4547



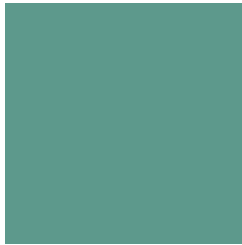
8C001E



0D0003

Previews

White Background



This preview shows how the Hex color 5D998C looks on a white background.

Color Contrast Check

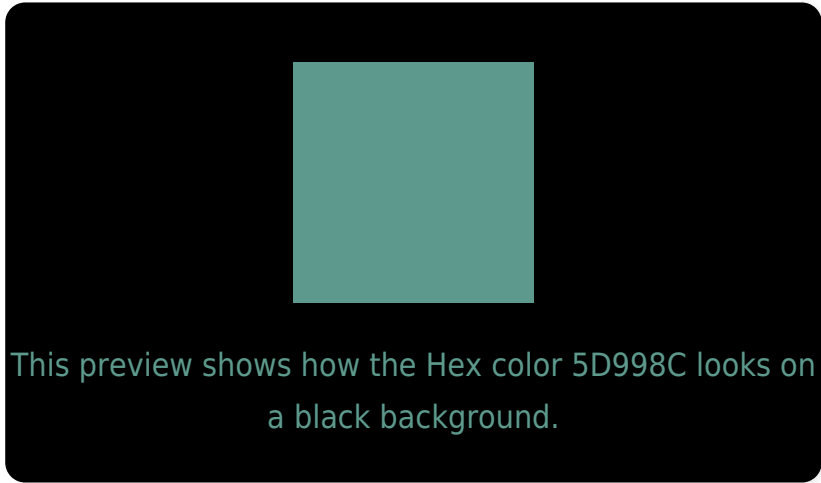
Large Text (above 18pt) WCAG AA ✓ Pass

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

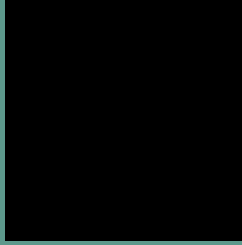
Any Text WCAG AA ✓ Pass

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 5D998C Background



This preview shows how black text looks on a background with the Hex color 5D998C.

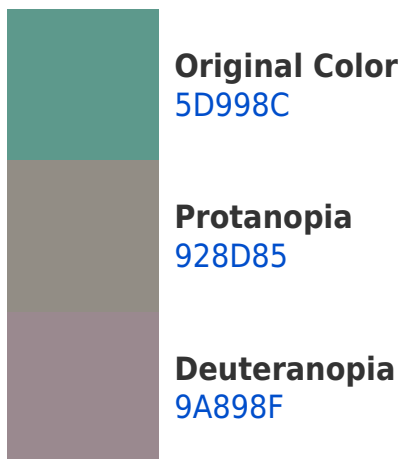



This preview shows how white text looks on a background with the Hex color 5D998C.

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
6396A2

Trichromacy



Original Color
5D998C

Protanomaly
7F9188

Deuteranomaly
848F8E

Tritanomaly
61979A

Monochromacy



Original Color
5D998C

Achromatopsia
868686

Achromatomaly
778D88

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D998C 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 #5D998C looks like.

```
.text, #text, p{  
    color:#5D998C  
}
```

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 #5D998C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D998C
}
```

Border

The CSS property to change the border of an element to Hex 5D998C 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
#5D998C }
```

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

```
.border{ border-color:#5D998C }
```

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

Here you see how a box with a 4 pixel #5D998C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D998C; -webkit-box-shadow:4px 4px  
4px 4px #5D998C; box-shadow:4px 4px 4px  
4px #5D998C }
```

Background

The CSS property to change the background color of an element to Hex 5D998C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D998C }
```

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

```
.background{ background-color:#5D998C }
```

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