

Converting Colors

Hex(4A958C)

Have a look what the booklet for
Hex(4A958C) contains.

Hex(4A958C)	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(4A958C)

Conversions

Conversions Part 1

Format	Color
Hex	4A958C
RGB	74, 149, 140
RGB Percent	29%, 58%, 55%
CMY	0.7098, 0.4157, 0.4510
CMYK	0.50, 0.00, 0.06, 0.42
HSL	173°, 34%, 44%
HSV	173°, 50%, 58%
XYZ	18.3051, 24.8442, 28.6416
YIQ	125.5490, -41.8110, -18.6990

Conversions

Conversions Part 2

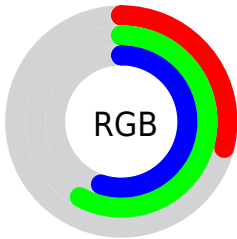
Format	Color
R_{YB}	74, 114, 149
Decimal	4887948
CIE _{Lab}	56.92, -25.58, -2.42
CIE _{LCh}	57, 25.693, 185.399
Yxy	24.8442, 0.2550, 0.3461
Android (android.graphics.Color)	4283078028 (0xFF4A958C)
YUV	125.5490, 7.1243, -45.2085
Hunter-Lab	49.8439, -21.6731, 0.8213

Details

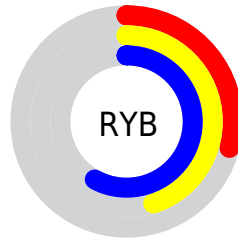
The Hex color **4A958C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **954A53**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **80CBC1**, and **0A625A** is the 20% darker color. If you saturate the color by 10%, you get **3B958A**, and if you desaturate by 10%, it is **59958E**.

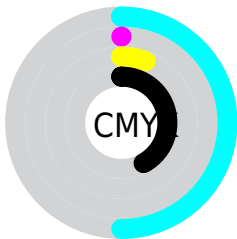
Distribution



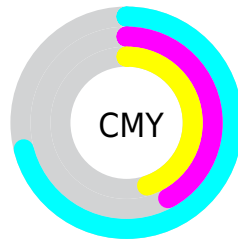
- Red (29%)
- Green (58%)
- Blue (55%)



- Red (29%)
- Yellow (45%)
- Blue (58%)



- Cyan (50%)
- Magenta (0%)
- Yellow (6%)
- Black (42%)



- Cyan (71%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A958C 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 4A958C by changing the saturation by 10% instead.



4A958C



4A958C

FFFFFF



2E7B73



80CBC1



0A625A



9CE8DD



004A43



B8FFFA



00322D



D5FFFF



001F18



F2FFFF



000000



4A958C



4A958C



3B958A



59958E



2C9588



689590

■ 1D9587

■ 779591

■ 0E9585

■ 869593

■ 009583

■ 959595

■ A39597

■ B29599

■ C1959A

■ D0959C

Harmonies

Analogous

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



629375



4A958C



4094A2

Triad

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



4A958C



9181AD



A88160

Complementary

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



4A958C



954A53

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.



B47A70



4A958C



A97B9C

Square

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



4A958C



7189B5



B47885



94885C

Rectangle

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



4A958C



4992AD



B47885



AD7E65

Sweetspot

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



4A958C



A5C2BE



54954A



4F615F



E0E0E0



616161

Same Dimension

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



4A958C



4EC2B4



4A7A95



434A49



008A79



000A09

Inverse Universe

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



954A53



C24E5B



95664A



4A4343



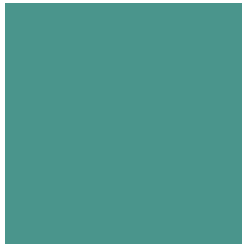
8A0011



0A0001

Previews

White Background



This preview shows how the Hex color 4A958C looks on a white background.

Color Contrast Check

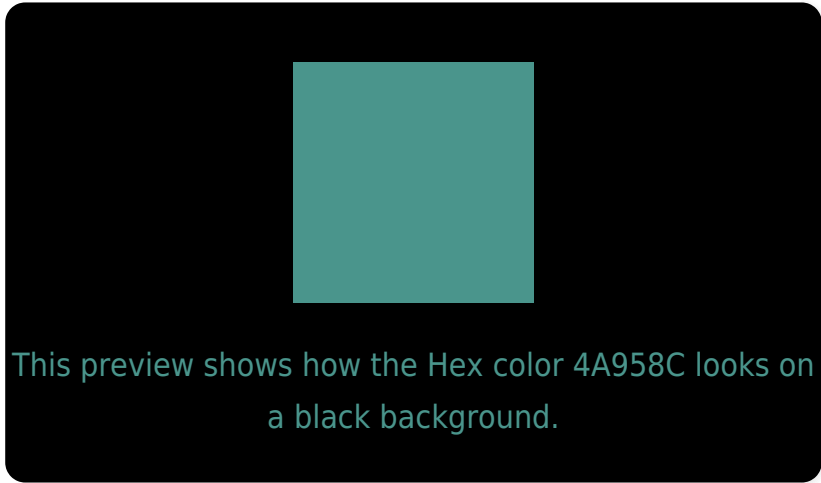
Large Text (above 18pt) WCAG AA ✓ Pass

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

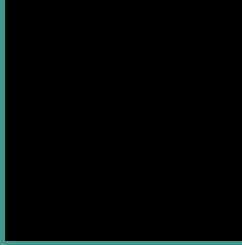
Any Text WCAG AA ✓ Pass

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 4A958C Background



This preview shows how black text looks on a background with the Hex color 4A958C.

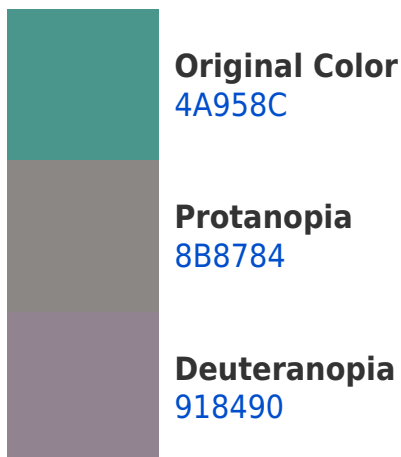


This preview shows how white text looks on a background with the Hex color 4A958C.

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](#).

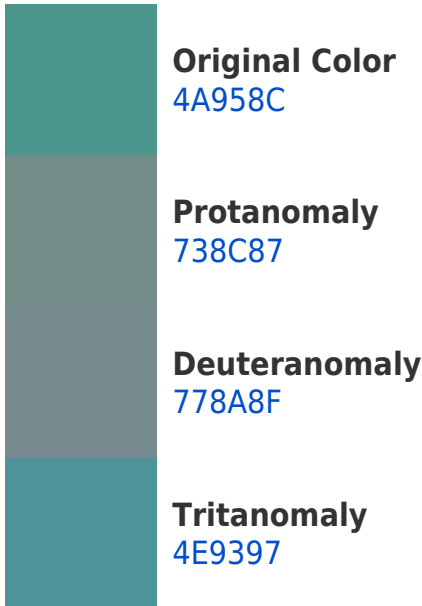
Dichromacy



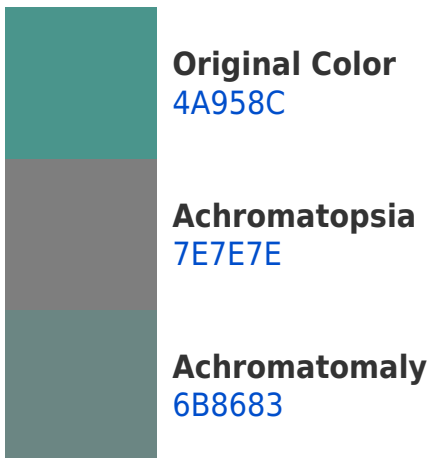


Tritanopia
50929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A958C 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 #4A958C looks like.

```
.text, #text, p{  
    color:#4A958C  
}
```

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 #4A958C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A958C
}
```

Border

The CSS property to change the border of an element to Hex 4A958C 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
#4A958C }
```

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

```
.border{ border-color:#4A958C }
```

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

Here you see how a box with a 4 pixel #4A958C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A958C; -webkit-box-shadow:4px 4px  
4px 4px #4A958C; box-shadow:4px 4px 4px  
4px #4A958C }
```

Background

The CSS property to change the background color of an element to Hex 4A958C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A958C }
```

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

```
.background{ background-color:#4A958C }
```

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