

Converting Colors

Hex(4C959C)

Have a look what the booklet for
Hex(4C959C) contains.

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Color

Hex(4C959C)

Conversions

Conversions Part 1

Format	Color
Hex	4C959C
RGB	76, 149, 156
RGB Percent	30%, 58%, 61%
CMY	0.7020, 0.4157, 0.3882
CMYK	0.51, 0.04, 0.00, 0.39
HSL	185°, 34%, 45%
HSV	185°, 51%, 61%
XYZ	19.7287, 25.4317, 35.3215
YIQ	127.9710, -45.7550, -13.2990

Conversions

Conversions Part 2

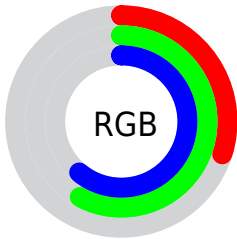
Format	Color
RYB	76, 114, 156
Decimal	5019036
CIELab	57.49, -20.74, -10.71
CIElCh	57, 23.340, 207.310
Yxy	25.4317, 0.2451, 0.3160
Android (android.graphics.Color)	4283209116 (0xFF4C959C)
YUV	127.9710, 13.8183, -45.5786
Hunter-Lab	50.4298, -18.4211, -6.2263

Details

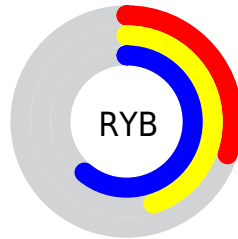
The Hex color `4C959C` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `9C534C`, and the grayscale version is `808080`.

A 20% lighter version of the original color is `83CBD2`, and `0A6269` is the 20% darker color. If you saturate the color by 10%, you get `3C949C`, and if you desaturate by 10%, it is `5C969C`.

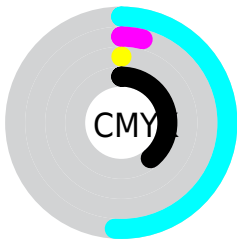
Distribution



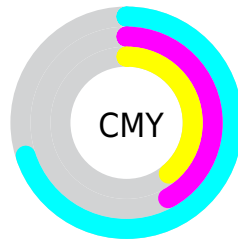
- Red (30%)
- Green (58%)
- Blue (61%)



- Red (30%)
- Yellow (45%)
- Blue (61%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)



- Cyan (70%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C959C 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 4C959C by changing the saturation by 10% instead.

 4C959C

 4C959C

FFFFFF

 2F7B82

 83CBD2

 0A6269

 9FE8EF

 004A51

 BBFFFF

 00333A

 D8FFFF

 001F24

 F5FFFF

 00010F

 000000

 4C959C

 4C959C

 3C949C

 5C969C

■ 2D929C

■ 6B989C

■ 1D919C

■ 7B999C

■ 0E909C

■ 8A9A9C

■ 008E9C

■ 9A9C9C

■ AA9D9C

■ B99F9C

■ C9A09C

■ D8A19C

Harmonies

Analogous

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



589587



4C959C



5592AC

Triad

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



4C959C



A37FA0



9B8861

Complementary

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



4C959C



9C534C

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.



AB8168



4C959C



B07B8D

Square

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



4C959C



8B85AE



B37C78



858E65

Rectangle

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



4C959C



648FB1



B37C78



A18663

Sweetspot

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



4C959C



ADC9CC



4C9C53



546466



E6E6E6



666666

Same Dimension

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



4C959C



4EC1CC



4C6D9C



474E4F



00828F



000E0F

Inverse Universe

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



9C4C95



CC4EC1



9C7B4C



4F474E



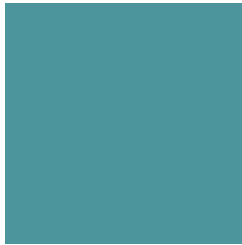
8F0082



0F000E

Previews

White Background



This preview shows how the Hex color 4C959C looks on a white background.

Color Contrast Check

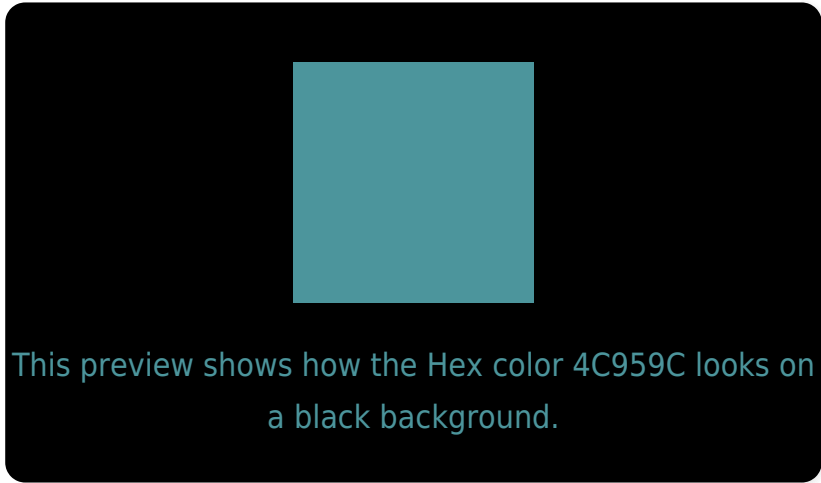
Large Text (above 18pt) WCAG AA ✓ Pass

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

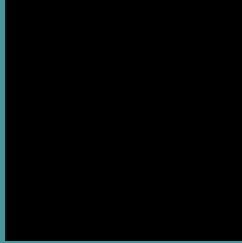
Any Text WCAG AA ✓ Pass

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 4C959C Background



This preview shows how black text looks on a background with the Hex color 4C959C.

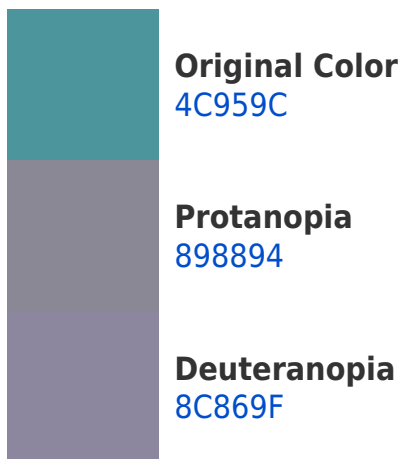


This preview shows how white text looks on a background with the Hex color 4C959C.

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
4E94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C959C 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 #4C959C looks like.

```
.text, #text, p{  
    color:#4C959C  
}
```

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 #4C959C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C959C
}
```

Border

The CSS property to change the border of an element to Hex 4C959C 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
#4C959C }
```

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

```
.border{ border-color:#4C959C }
```

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

Here you see how a box with a 4 pixel #4C959C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C959C; -webkit-box-shadow:4px 4px  
4px 4px #4C959C; box-shadow:4px 4px 4px  
4px #4C959C }
```

Background

The CSS property to change the background color of an element to Hex 4C959C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C959C }
```

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

```
.background{ background-color:#4C959C }
```

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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