

Converting Colors

Hex(4C948C)

Have a look what the booklet for
Hex(4C948C) contains.

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Color

Hex(4C948C)

Conversions

Conversions Part 1

Format	Color
Hex	4C948C
RGB	76, 148, 140
RGB Percent	30%, 58%, 55%
CMY	0.7020, 0.4196, 0.4510
CMYK	0.49, 0.00, 0.05, 0.42
HSL	173°, 32%, 44%
HSV	173°, 49%, 58%
XYZ	18.3040, 24.6098, 28.5964
YIQ	125.5600, -40.3440, -17.7520

Conversions

Conversions Part 2

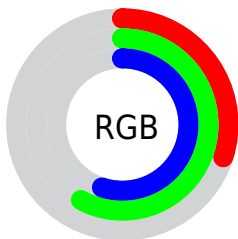
Format	Color
R_{YB}	76, 114, 148
Decimal	5018764
CIE _{Lab}	56.69, -24.59, -2.75
CIE _{LCh}	57, 24.746, 186.372
Yxy	24.6098, 0.2560, 0.3441
Android (android.graphics.Color)	4283208844 (0xFF4C948C)
YUV	125.5600, 7.1189, -43.4641
Hunter-Lab	49.6082, -20.9530, 0.5484

Details

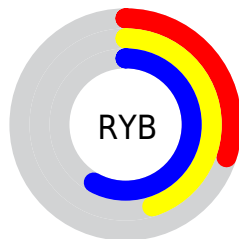
The Hex color **4C948C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **944C54**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **82CAC1**, and **10615A** is the 20% darker color. If you saturate the color by 10%, you get **3D948A**, and if you desaturate by 10%, it is **5B948E**.

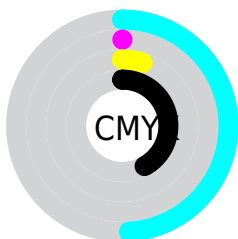
Distribution



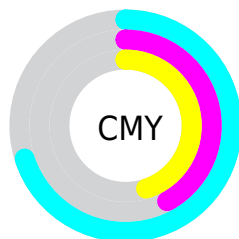
- Red (30%)
- Green (58%)
- Blue (55%)



- Red (30%)
- Yellow (45%)
- Blue (58%)



- Cyan (49%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (70%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C948C 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 4C948C by changing the saturation by 10% instead.

 4C948C

 4C948C

FFFFFF

 307A73

 82CAC1

 10615A

 9DE7DD

 004943

 B9FFFA

 00322D

 D6FFFF

 001E18

 F3FFFF

 000000

 4C948C

 4C948C

 3D948A

 5B948E

 2E9489

 6A948F

■ 209487

■ 789491

■ 119485

■ 879493

■ 029484

■ 969494

■ 009484

■ A59496

■ B49498

■ C29499

■ D1949B

Harmonies

Analogous

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



629276



4C948C



4493A1

Triad

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



4C948C



9181AB



A68161

Complementary

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



4C948C



944C54

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.



B17B6F



4C948C



A77A9A

Square

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



4C948C



7388B3



B27884



93885D

Rectangle

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



4C948C



4D90AB



B27884



AB7E65

Sweetspot

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



4C948C



A3BFBC



54944C



4F615F



E0E0E0



616161

Same Dimension

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



4C948C



50BFB3



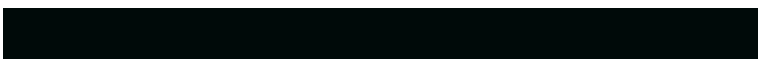
4C7894



434A49



008A7A



000A09

Inverse Universe

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



944C54



BF505D



94684C



4A4343



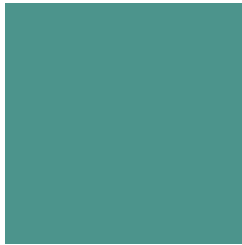
8A000F



0A0001

Previews

White Background



This preview shows how the Hex color 4C948C looks on a white background.

Color Contrast Check

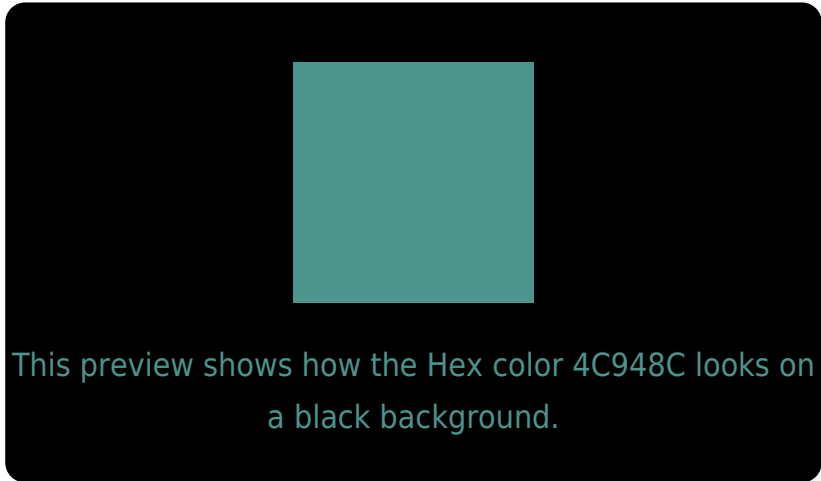
Large Text (above 18pt) WCAG AA ✓ Pass

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

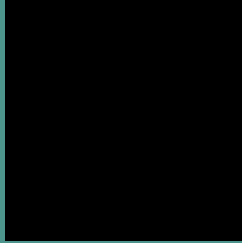
Any Text WCAG AA ✓ Pass

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 4C948C Background



This preview shows how black text looks on a background with the Hex color 4C948C.

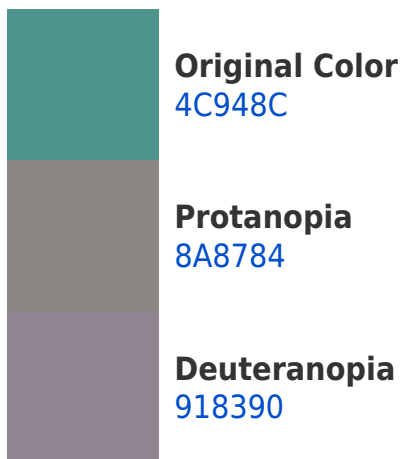



This preview shows how white text looks on a background with the Hex color 4C948C.

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
51919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C948C 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 #4C948C looks like.

```
.text, #text, p{  
    color:#4C948C  
}
```

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 #4C948C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C948C
}
```

Border

The CSS property to change the border of an element to Hex 4C948C 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
#4C948C }
```

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

```
.border{ border-color:#4C948C }
```

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

Here you see how a box with a 4 pixel #4C948C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C948C; -webkit-box-shadow:4px 4px  
4px 4px #4C948C; box-shadow:4px 4px 4px  
4px #4C948C }
```

Background

The CSS property to change the background color of an element to Hex 4C948C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C948C }
```

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

```
.background{ background-color:#4C948C }
```

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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