

Converting Colors

Hex(48909C)

Have a look what the booklet for
Hex(48909C) contains.

Hex(48909C)	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(48909C)

Conversions

Conversions Part 1

Format	Color
Hex	48909C
RGB	72, 144, 156
RGB Percent	28%, 56%, 61%
CMY	0.7176, 0.4353, 0.3882
CMYK	0.54, 0.08, 0.00, 0.39
HSL	189°, 37%, 45%
HSV	189°, 54%, 61%
XYZ	18.6465, 23.7245, 35.0490
YIQ	123.8400, -46.7640, -11.5320

Conversions

Conversions Part 2

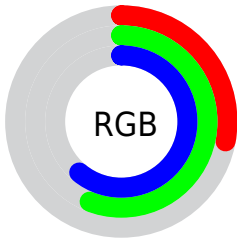
Format	Color
RYB	72, 111, 156
Decimal	4755612
CIELab	55.81, -19.00, -13.26
CIElCh	56, 23.168, 214.901
Yxy	23.7245, 0.2408, 0.3064
Android (android.graphics.Color)	4282945692 (0xFF48909C)
YUV	123.8400, 15.8549, -45.4637
Hunter-Lab	48.7078, -16.9048, -8.5682

Details

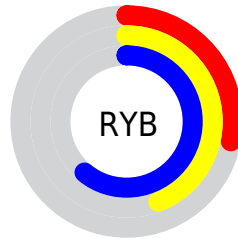
The Hex color **48909C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C5448**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7FC6D2**, and **005D69** is the 20% darker color. If you saturate the color by 10%, you get **388E9C**, and if you desaturate by 10%, it is **58929C**.

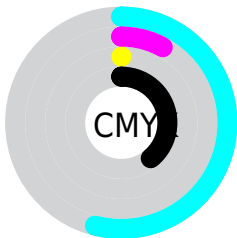
Distribution



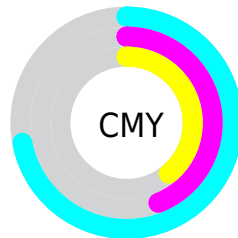
- Red (28%)
- Green (56%)
- Blue (61%)



- Red (28%)
- Yellow (44%)
- Blue (61%)



- Cyan (54%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (72%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48909C 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 48909C by changing the saturation by 10% instead.

48909C

48909C

FFFFFF

2B7682

7FC6D2

005D69

9BE2EF

004651

B7FFFF

002F3A

D4FFFF

001C24

F1FFFF

00010E

000000

48909C

48909C

388E9C

58929C

■ 298C9C

■ 67949C

■ 19899C

■ 77979C

■ 0A879C

■ 86999C

■ 00869C

■ 969B9C

■ A69D9C

■ B5A09C

■ C5A29C

■ D4A49C

Harmonies

Analogous

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



509188



48909C



568CAA

Triad

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



48909C



A27997



91865E

Complementary

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



48909C



9C5448

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.



A37F62



48909C



AD7783

Square

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



48909C



8D7FA7



AD7970



7B8B64

Rectangle

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



48909C



6789AD



AD7970



97835E

Sweetspot

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



48909C



ABC7CC



489C53



536366



E6E6E6



666666

Same Dimension

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



48909C



47B9CC



48679C



474E4F



007A8F



000D0F

Inverse Universe

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



9C4890



CC47B9



9C7D48



4F474E



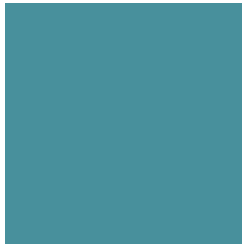
8F007A



0F000D

Previews

White Background



This preview shows how the Hex color 48909C looks on a white background.

Color Contrast Check

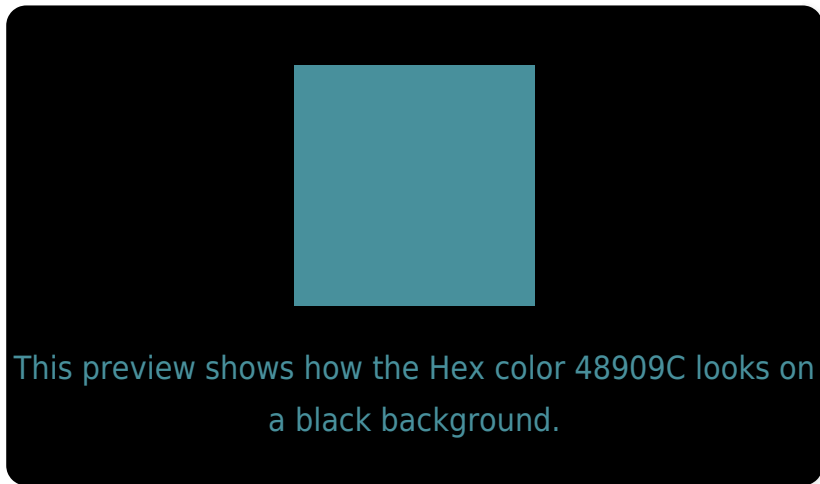
Large Text (above 18pt) WCAG AA ✓ Pass

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 48909C Background



This preview shows how black text looks on a background with the Hex color 48909C.

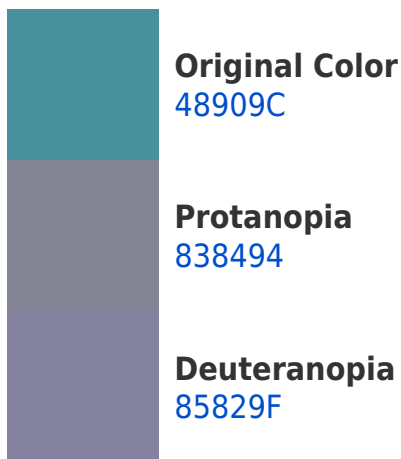


This preview shows how white text looks on a background with the Hex color 48909C.

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
48909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48909C 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 #48909C looks like.

```
.text, #text, p{  
    color:#48909C  
}
```

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 #48909C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48909C
}
```

Border

The CSS property to change the border of an element to Hex 48909C 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
#48909C }
```

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

```
.border{ border-color:#48909C }
```

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

Here you see how a box with a 4 pixel #48909C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48909C; -webkit-box-shadow:4px 4px  
4px 4px #48909C; box-shadow:4px 4px 4px  
4px #48909C }
```

Background

The CSS property to change the background color of an element to Hex 48909C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48909C }
```

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

```
.background{ background-color:#48909C }
```

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