

# Converting Colors

Hex(44948C)

Have a look what the booklet for  
Hex(44948C) contains.

<b>Hex(44948C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(44948C)

# Conversions

## Conversions Part 1

Format	Color
Hex	44948C
RGB	68, 148, 140
RGB Percent	27%, 58%, 55%
CMY	0.7333, 0.4196, 0.4510
CMYK	0.54, 0.00, 0.05, 0.42
HSL	174°, 37%, 42%
HSV	174°, 54%, 58%
XYZ	17.7074, 24.3022, 28.5685
YIQ	123.1680, -45.1120, -19.4480

# Conversions

## Conversions Part 2

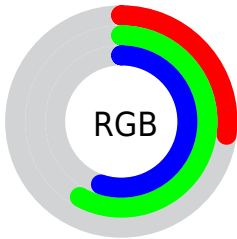
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 110, 148
Decimal	4494476
CIE <sub>Lab</sub>	56.39, -26.45, -3.23
CIE <sub>LCh</sub>	56, 26.651, 186.959
Yxy	24.3022, 0.2509, 0.3443
Android (android.graphics.Color)	4282684556 (0xFF44948C)
YUV	123.1680, 8.2982, -48.3823
Hunter-Lab	49.2973, -22.1536, 0.1487

# Details

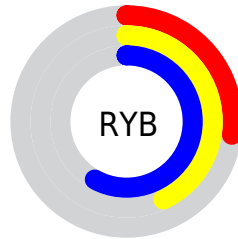
The Hex color **44948C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94444C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7BCAC1**, and **00615A** is the 20% darker color. If you saturate the color by 10%, you get **35948B**, and if you desaturate by 10%, it is **53948D**.

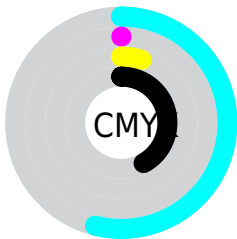
# Distribution



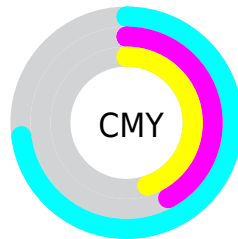
- Red (27%)
- Green (58%)
- Blue (55%)



- Red (27%)
- Yellow (43%)
- Blue (58%)



- Cyan (54%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (73%)
- Magenta (42%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44948C 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 44948C by changing the saturation by 10% instead.



 44948C

 44948C

FFFFFF

 267A73

 7BCAC1

 00615A

 97E7DD

 004943

 B3FFFA

 00322D

 D0FFFF

 001F18

 EDFFFF

 000000

 44948C

 44948C

 35948B

 53948D

 269489

 62948F

■ 189488

■ 709490

■ 099486

■ 7F9492

■ 009485

■ 8E9493

■ 9D9495

■ AC9496

■ BA9498

■ C99499

# Harmonies

## Analogous

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



5D9274



44948C



3A93A2

# Triad

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



44948C



917FAC



A7805D

# Complementary

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



44948C



94444C

# 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.



B3796C



44948C



A9789A

# Square

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



44948C



7088B5



B57683



928859

# Rectangle

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



44948C



4590AD



B57683



AC7D61



# Sweetspot

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



44948C



A1BFBC



4C9444



4E615F



E0E0E0



616161



# Same Dimension

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



44948C



43BFB3



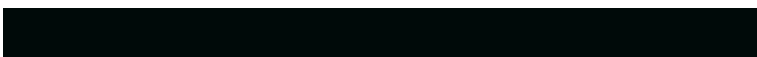
447494



434A49



008A7C



000A09



# Inverse Universe

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



94444C



BF434F



946444



4A4343



8A000E

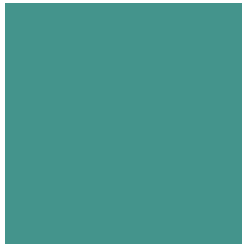


0A0001



# Previews

## White Background



This preview shows how the Hex color 44948C looks on a white background.

## Color Contrast Check

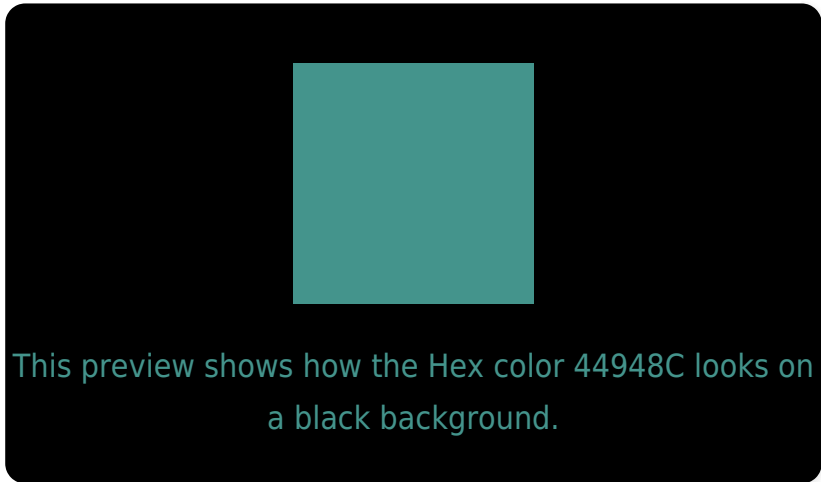
Large Text (above 18pt) WCAG AA ✓ Pass

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

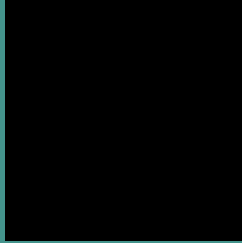
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44948C Background



This preview shows how black text looks on a background with the Hex color 44948C.

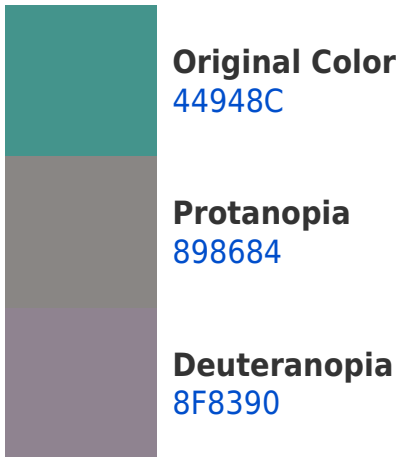


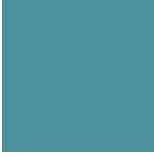
This preview shows how white text looks on a background with the Hex color 44948C.

# 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**  
4A919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44948C 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 #44948C looks like.

```
.text, #text, p{  
    color:#44948C  
}
```

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 #44948C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44948C
}
```

## Border

The CSS property to change the border of an element to Hex 44948C 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
#44948C }
```

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

```
.border{ border-color:#44948C }
```

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

Here you see how a box with a 4 pixel #44948C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44948C; -webkit-box-shadow:4px 4px  
4px 4px #44948C; box-shadow:4px 4px 4px  
4px #44948C }
```

# Background

The CSS property to change the background color of an element to Hex 44948C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44948C }
```

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

```
.background{ background-color:#44948C }
```

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