

# Converting Colors

Hex(71968C)

Have a look what the booklet for  
Hex(71968C) contains.

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# Color

Hex(71968C)

# Conversions

## Conversions Part 1

Format	Color
Hex	71968C
RGB	113, 150, 140
RGB Percent	44%, 59%, 55%
CMY	0.5569, 0.4118, 0.4510
CMYK	0.25, 0.00, 0.07, 0.41
HSL	164°, 15%, 52%
HSV	164°, 25%, 59%
XYZ	22.4500, 27.2169, 28.8811
YIQ	137.7970, -18.8420, -10.9540

# Conversions

## Conversions Part 2

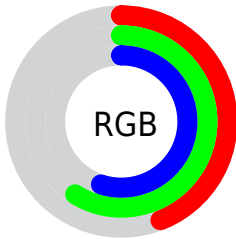
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 134, 150
Decimal	7444108
CIELab	59.17, -14.95, 1.11
CIElCh	59, 14.995, 175.763
Yxy	27.2169, 0.2858, 0.3465
Android (android.graphics.Color)	4285634188 (0xFF71968C)
YUV	137.7970, 1.0861, -21.7470
Hunter-Lab	52.1698, -14.4839, 3.6960

# Details

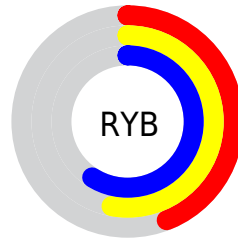
The Hex color **71968C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **96717B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A6CCC1**, and **40635A** is the 20% darker color. If you saturate the color by 10%, you get **629688**, and if you desaturate by 10%, it is **809690**.

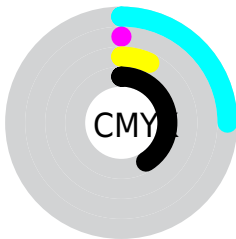
# Distribution



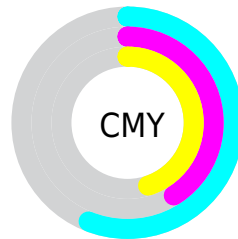
- Red (44%)
- Green (59%)
- Blue (55%)



- Red (44%)
- Yellow (53%)
- Blue (59%)



- Cyan (25%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (56%)
- Magenta (41%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71968C 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 71968C by changing the saturation by 10% instead.





71968C



71968C

FFFFFF



587C73



A6CCC1



40635A



C1E8DD



284B43



DDFFFA



11342D



FAFFFF



001F18



000000



71968C



71968C



629688



809690



539684



8F9694

■ 449680

■ 9E9698

■ 35967C

■ AD969C

■ 269678

■ BC96A0

■ 179674

■ CB96A4

■ 089670

■ DA96A8

■ 00966D

■ E996AC

■ F896B0

# Harmonies

## Analogous

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



7D947F



71968C



6B9699

# Triad

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



71968C



8F8CA6



A58979

# Complementary

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



71968C



96717B

# 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.



AA8684



71968C



9E889D

# Square

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



71968C



7D90A8



A88591



9B8D74

# Rectangle

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



71968C



6D95A1



A88591



A8887C



# Sweetspot

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



71968C



B4C2BE



7B9671



59615F



E0E0E0



616161



# Same Dimension

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



71968C



88C2B2



718E96



434A48



008A64



000A07



# Inverse Universe

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



96717B



C28897



967971



4A4345



8A0025



0A0003



# Previews

## White Background



This preview shows how the Hex color 71968C looks on a white background.

## Color Contrast Check

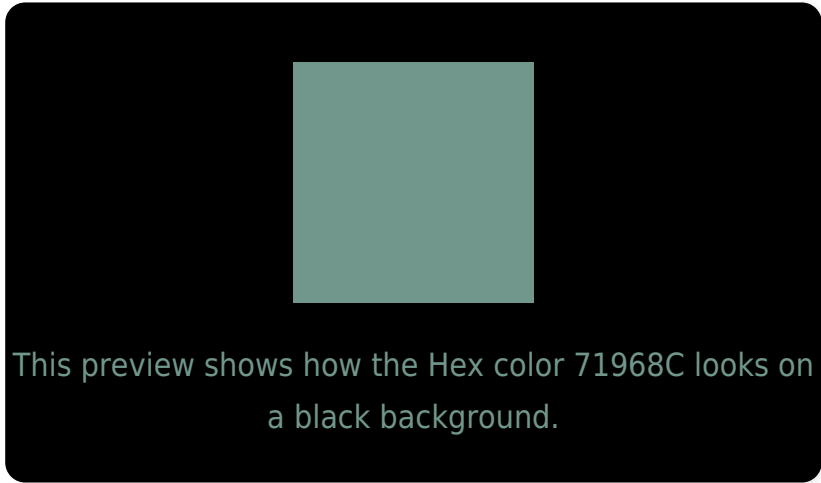
Large Text (above 18pt) WCAG AA ✓ Pass

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

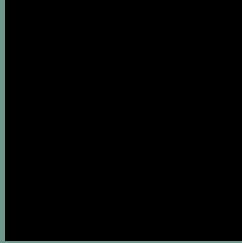
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

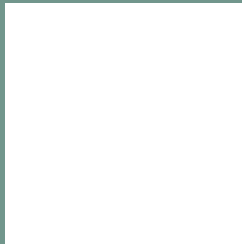
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71968C Background



This preview shows how black text looks on a background with the Hex color 71968C.

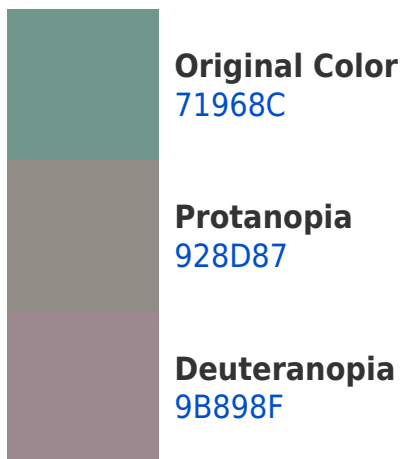



This preview shows how white text looks on a background with the Hex color 71968C.

# 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](#).

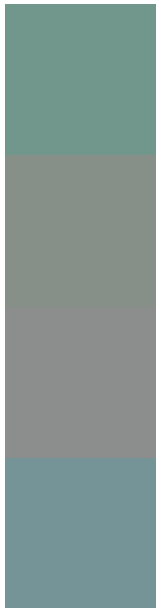
## Dichromacy





**Tritanopia**  
75939F

# Trichromacy



**Original Color**  
71968C

**Protanomaly**  
869089

**Deuteranomaly**  
8C8E8E

**Tritanomaly**  
749498

# Monochromacy



**Original Color**  
71968C

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
818E8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71968C 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 #71968C looks like.

```
.text, #text, p{  
    color:#71968C  
}
```

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 #71968C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71968C  
}
```

## Border

The CSS property to change the border of an element to Hex 71968C 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  
#71968C }
```

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

```
.border{ border-color:#71968C }
```

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

Here you see how a box with a 4 pixel #71968C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71968C; -webkit-box-shadow:4px 4px  
4px 4px #71968C; box-shadow:4px 4px 4px  
4px #71968C }
```

# Background

The CSS property to change the background color of an element to Hex 71968C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71968C }
```

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

```
.background{ background-color:#71968C }
```

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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