

Converting Colors

Hex(49868F)

Have a look what the booklet for
Hex(49868F) contains.

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Color

Hex(49868F)

Conversions

Conversions Part 1

Format	Color
Hex	49868F
RGB	73, 134, 143
RGB Percent	29%, 53%, 56%
CMY	0.7137, 0.4745, 0.4392
CMYK	0.49, 0.06, 0.00, 0.44
HSL	188°, 32%, 42%
HSV	188°, 49%, 56%
XYZ	16.2307, 20.4498, 29.0784
YIQ	116.7870, -39.2450, -10.1330

Conversions

Conversions Part 2

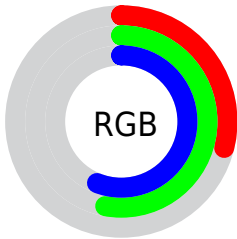
Format	Color
R _Y B	73, 106, 143
Decimal	4818575
CIE Lab	52.34, -17.18, -10.96
CIE LCh	52, 20.381, 212.546
Yxy	20.4498, 0.2468, 0.3110
Android (android.graphics.Color)	4283008655 (0xFF49868F)
YUV	116.7870, 12.9230, -38.4012
Hunter-Lab	45.2215, -15.0713, -6.4697

Details

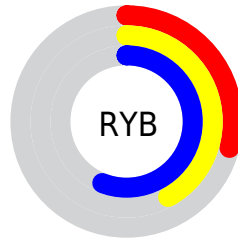
The Hex color **49868F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8F5249**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7EBBC5**, and **0D545D** is the 20% darker color. If you saturate the color by 10%, you get **3B848F**, and if you desaturate by 10%, it is **57888F**.

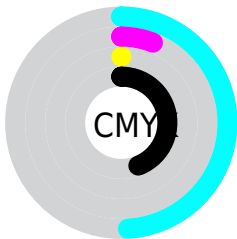
Distribution



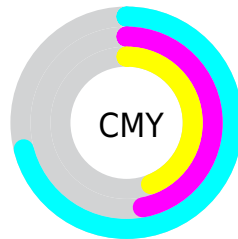
- Red (29%)
- Green (53%)
- Blue (56%)



- Red (29%)
- Yellow (42%)
- Blue (56%)



- Cyan (49%)
- Magenta (6%)
- Yellow (0%)
- Black (44%)



- Cyan (71%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49868F 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 49868F by changing the saturation by 10% instead.



49868F



49868F

FFFFFF



2E6D75



7EBBC5



0D545D



9AD7E1



003D45



B6F4FD



00272F



D2FFFF



00101A



FFFFFF



000000



49868F



49868F



3B848F



57888F



2C828F



668A8F

■ 1E808F

■ 748C8F

■ 107F8F

■ 828D8F

■ 017D8F

■ 918F8F

■ 007D8F

■ 9F918F

■ AD938F

■ BB958F

■ CA978F

Harmonies

Analogous

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



50877E



49868F



53839B

Triad

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



49868F



95738D



887C5A

Complementary

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



49868F



8F5249

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.



97765E



49868F



9F707C

Square

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



49868F



82789A



A0726B



75815F

Rectangle

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



49868F



61809F



A0726B



8E7A5A

Sweetspot

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



49868F



9EB7BA



498F51



4D5C5E



DEDEDE



5E5E5E

Same Dimension

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



49868F



4CACBA



49648F



404647



007687



000708

Inverse Universe

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



8F4986



BA4CAC



8F7449



474046



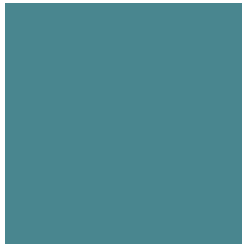
870076



080007

Previews

White Background



This preview shows how the Hex color 49868F looks on a white background.

Color Contrast Check

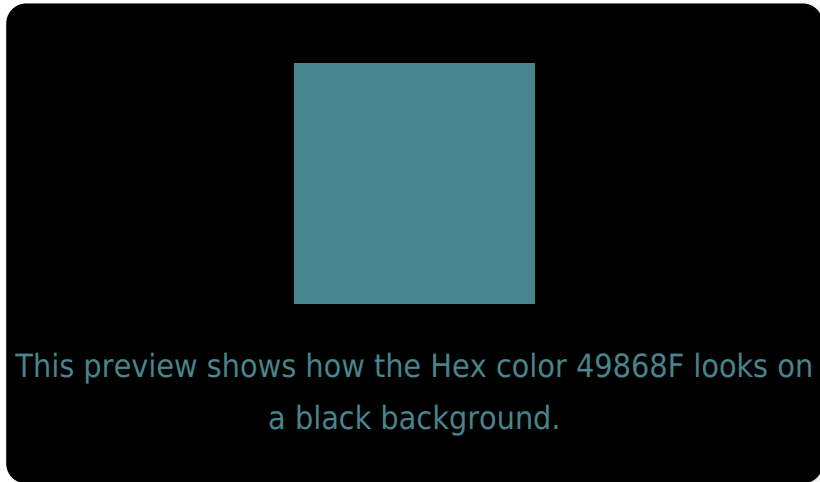
Large Text (above 18pt) WCAG AA ✓ Pass

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

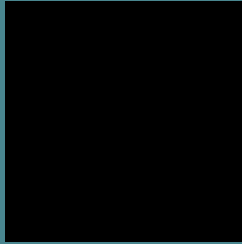
Any Text WCAG AA ✓ Pass

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 49868F Background



This preview shows how black text looks on a background with the Hex color 49868F.

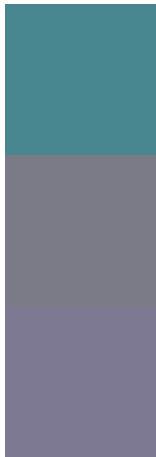


This preview shows how white text looks on a background with the Hex color 49868F.

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



Original Color
49868F

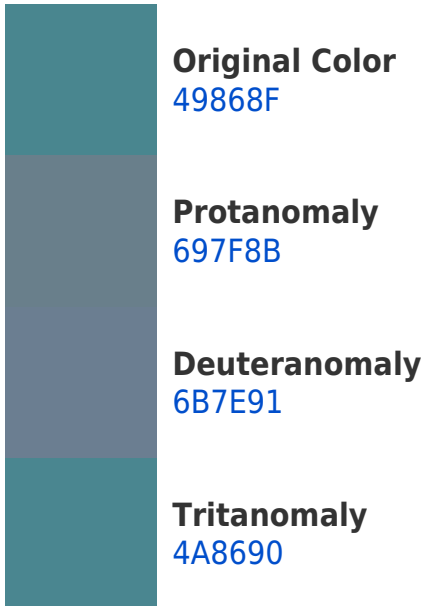
Protanopia
7B7B88

Deuteranopia
7E7992

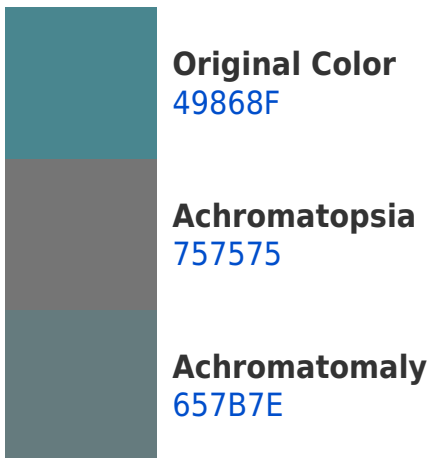


Tritanopia
4A8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49868F 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 #49868F looks like.

```
.text, #text, p{  
    color:#49868F  
}
```

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 #49868F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49868F
}
```

Border

The CSS property to change the border of an element to Hex 49868F 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
#49868F }
```

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

```
.border{ border-color:#49868F }
```

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

Here you see how a box with a 4 pixel #49868F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49868F; -webkit-box-shadow:4px 4px  
4px 4px #49868F; box-shadow:4px 4px 4px  
4px #49868F }
```

Background

The CSS property to change the background color of an element to Hex 49868F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49868F }
```

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

```
.background{ background-color:#49868F }
```

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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