

Converting Colors

Hex(49768A)

Have a look what the booklet for
Hex(49768A) contains.

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Color

Hex(49768A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 49768A |
| RGB | 73, 118, 138 |
| RGB Percent | 29%, 46%, 54% |
| CMY | 0.7137, 0.5373, 0.4588 |
| CMYK | 0.47, 0.14, 0.00, 0.46 |
| HSL | 198°, 31%, 41% |
| HSV | 198°, 47%, 54% |
| XYZ | 13.8135, 16.2083, 26.4452 |
| YIQ | 106.8250, -33.2400, -3.3200 |

Conversions

Conversions Part 2

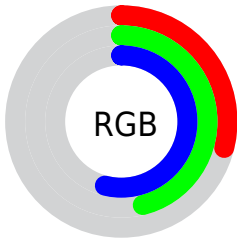
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 73, 100, 138 |
| Decimal | 4814474 |
| CIE _{Lab} | 47.25, -9.73, -15.74 |
| CIE _{LCh} | 47, 18.505, 238.263 |
| Yxy | 16.2083, 0.2446, 0.2870 |
| Android (android.graphics.Color) | 4283004554 (0xFF49768A) |
| YUV | 106.8250, 15.3693, -29.6645 |
| Hunter-Lab | 40.2595, -9.2087, -10.7640 |

Details

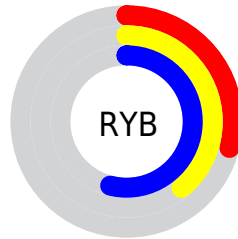
The Hex color **49768A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8A5D49**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7DAABF**, and **124658** is the 20% darker color. If you saturate the color by 10%, you get **3B728A**, and if you desaturate by 10%, it is **577A8A**.

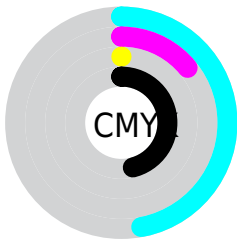
Distribution



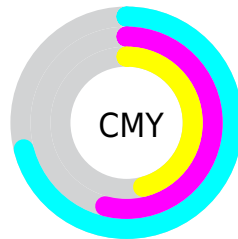
- Red (29%)
- Green (46%)
- Blue (54%)



- Red (29%)
- Yellow (39%)
- Blue (54%)



- Cyan (47%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (71%)
- Magenta (54%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49768A 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 49768A by changing the saturation by 10% instead.

■ 49768A

■ 49768A

FFFFFF

■ 2F5D71

■ 7DAABF

■ 124658

■ 98C5DB

■ 002F41

■ B4E1F8

■ 001B2B

■ D0FEFF

■ 000116

■ EDFFFF

■ 000000

■ 49768A

■ 49768A

■ 3B728A

■ 577A8A

■ 2D6E8A

■ 657E8A

■ 20698A

■ 72838A

■ 12658A

■ 80878A

■ 04618A

■ 8E8B8A

■ 00608A

■ 9C8F8A

■ AA948A

■ B7988A

■ C59C8A

Harmonies

Analogous

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



42787E



49768A



5C728F

Triad

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



49768A



8E6572



6C7454

Complementary

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



49768A



8A5D49

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.



7C6F51



49768A



8F6662

Square

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



49768A



836781



896A56



5A775F

Rectangle

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



49768A



6A6E8D



896A56



727252

Sweetspot

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



49768A



9AABB3



498A5D



4A5559



D9D9D9



595959

Same Dimension

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



49768A



4D93B3



49568A



3E4345



005C85



000405

Inverse Universe

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



8A4976



B34D93



8A7D49



453E43



85005C



050004

Previews

White Background



This preview shows how the Hex color 49768A looks on a white background.

Color Contrast Check

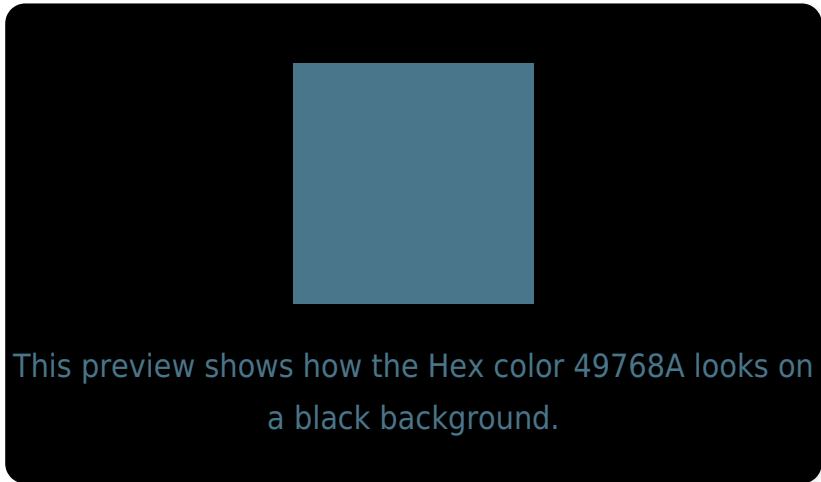
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

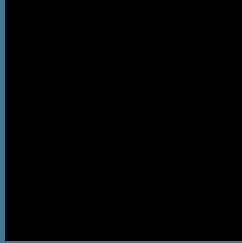
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 49768A Background



This preview shows how black text looks on a background with the Hex color 49768A.

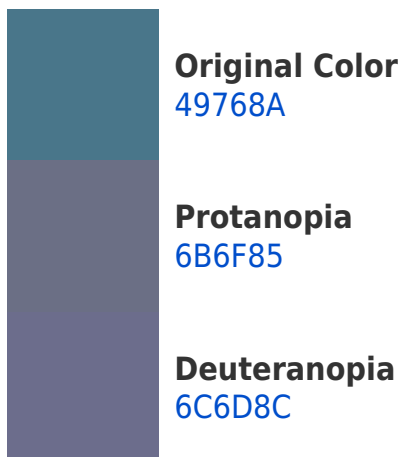


This preview shows how white text looks on a background with the Hex color 49768A.

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](#).

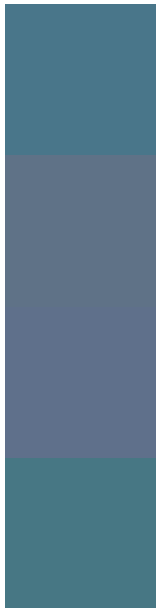
Dichromacy





Tritanopia
467881

Trichromacy



Original Color
49768A

Protanomaly
5F7287

Deuteranomaly
5F708B

Tritanomaly
477784

Monochromacy



Original Color
49768A

Achromatopsia
6B6B6B

Achromatomaly
5F6F76

CSS Examples

Text

The CSS property to change the color of the text to Hex 49768A 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 #49768A looks like.

```
.text, #text, p{  
    color:#49768A  
}
```

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 #49768A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49768A
}
```

Border

The CSS property to change the border of an element to Hex 49768A 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
#49768A }
```

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

```
.border{ border-color:#49768A }
```

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

Here you see how a box with a 4 pixel #49768A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49768A; -webkit-box-shadow:4px 4px  
4px 4px #49768A; box-shadow:4px 4px 4px  
4px #49768A }
```

Background

The CSS property to change the background color of an element to Hex 49768A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49768A }
```

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

```
.background{ background-color:#49768A }
```

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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