

# Converting Colors

Hex(4F868A)

Have a look what the booklet for  
Hex(4F868A) contains.

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# Color

**Hex(4F868A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F868A
RGB	79, 134, 138
RGB Percent	31%, 53%, 54%
CMY	0.6902, 0.4745, 0.4588
CMYK	0.43, 0.03, 0.00, 0.46
HSL	184°, 27%, 43%
HSV	184°, 43%, 54%
XYZ	16.3370, 20.5474, 27.1498
YIQ	118.0110, -34.0640, -10.4160

# Conversions

## Conversions Part 2

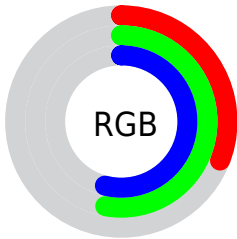
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 107, 138
Decimal	5211786
CIE <sub>Lab</sub>	52.45, -17.04, -7.86
CIE <sub>LCh</sub>	52, 18.771, 204.769
Yxy	20.5474, 0.2551, 0.3209
Android (android.graphics.Color)	4283401866 (0xFF4F868A)
YUV	118.0110, 9.8546, -34.2126
Hunter-Lab	45.3293, -14.9936, -3.7810

# Details

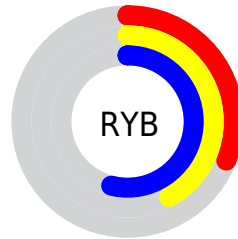
The Hex color **4F868A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A534F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **84BBBF**, and **195458** is the 20% darker color. If you saturate the color by 10%, you get **41858A**, and if you desaturate by 10%, it is **5D878A**.

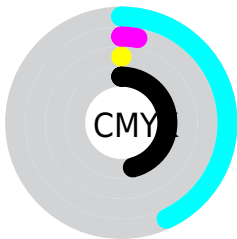
# Distribution



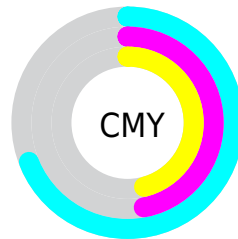
- Red (31%)
- Green (53%)
- Blue (54%)



- Red (31%)
- Yellow (42%)
- Blue (54%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (46%)



- Cyan (69%)
- Magenta (47%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F868A 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 4F868A by changing the saturation by 10% instead.



 4F868A

 4F868A

FFFFFF

 356D71

 84BBBF

 195458

 9FD7DB

 003D41

 BAF4F8

 00272B

 D7FFFF

 001117

 F4FFFF

 000000

 4F868A

 4F868A

 41858A

 5D878A

 33848A

 6B888A

■ 26838A

■ 78898A

■ 18828A

■ 868A8A

■ 0A818A

■ 948B8A

■ 00818A

■ A28C8A

■ B08D8A

■ BD8D8A

■ CB8E8A

# Harmonies

## Analogous

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



58867A



4F868A



548497

# Triad

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



4F868A



8F7590



8C7B5D

# Complementary

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



4F868A



8A534F

# 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.



987663



4F868A



9B7281

# Square

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



4F868A



7C7A9A



9E7270



7B8060

# Rectangle

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



4F868A



5F819C



9E7270



91795E



# Sweetspot

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



4F868A



9BB1B3



4F8A53



4B5859



D9D9D9



595959



# Same Dimension

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



4F868A



57ACB3



4F698A



3E4445



007C85



000505



# Inverse Universe

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



8A4F86



B357AC



8A704F



453E44



85007C

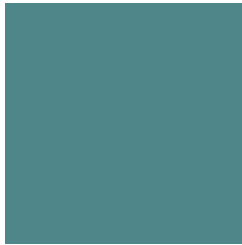


050005



# Previews

## White Background



This preview shows how the Hex color 4F868A looks on a white background.

## Color Contrast Check

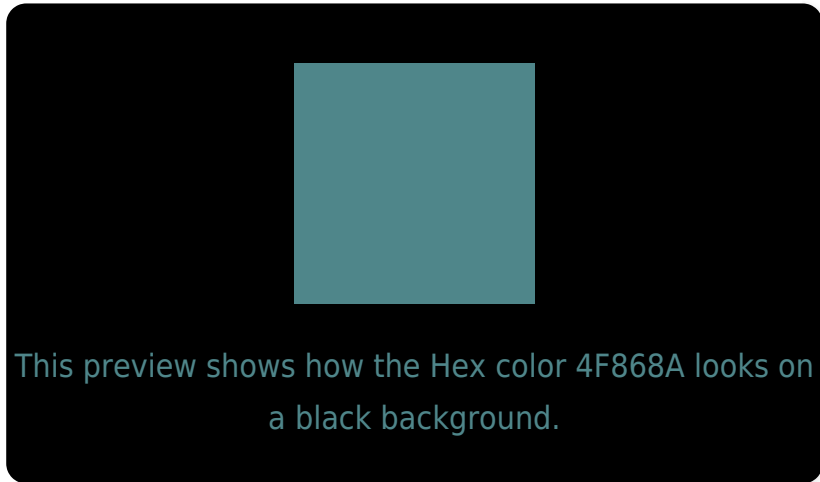
Large Text (above 18pt) WCAG AA ✓ Pass

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

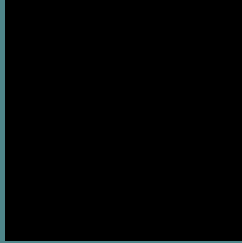
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4F868A Background



This preview shows how black text looks on a background with the Hex color 4F868A.



This preview shows how white text looks on a background with the Hex color 4F868A.

# 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



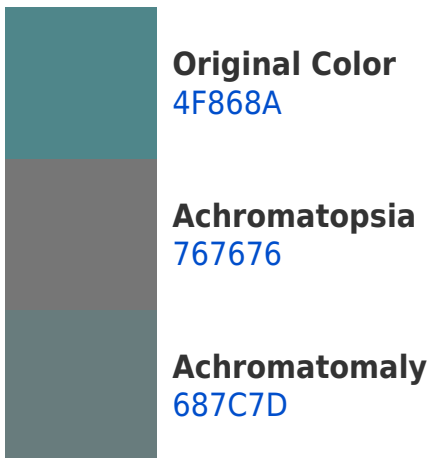


**Tritanopia**  
518590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F868A 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 #4F868A looks like.

```
.text, #text, p{  
    color:#4F868A  
}
```

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 #4F868A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F868A
}
```

## Border

The CSS property to change the border of an element to Hex 4F868A 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
#4F868A }
```

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

```
.border{ border-color:#4F868A }
```

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

Here you see how a box with a 4 pixel #4F868A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F868A; -webkit-box-shadow:4px 4px  
4px 4px #4F868A; box-shadow:4px 4px 4px  
4px #4F868A }
```

# Background

The CSS property to change the background color of an element to Hex 4F868A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F868A }
```

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

```
.background{ background-color:#4F868A }
```

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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