

# Converting Colors

Hex(5A8F8C)

Have a look what the booklet for  
Hex(5A8F8C) contains.

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# Color

**Hex(5A8F8C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A8F8C
RGB	90, 143, 140
RGB Percent	35%, 56%, 55%
CMY	0.6471, 0.4392, 0.4510
CMYK	0.37, 0.00, 0.02, 0.44
HSL	177°, 23%, 46%
HSV	177°, 37%, 56%
XYZ	18.7725, 23.7120, 28.3984
YIQ	126.8110, -30.6250, -12.1690

# Conversions

## Conversions Part 2

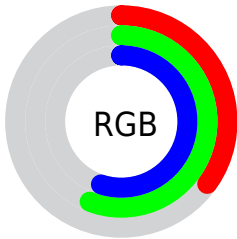
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 117, 143
Decimal	5934988
CIE <sub>Lab</sub>	55.80, -18.29, -3.99
CIE <sub>LCh</sub>	56, 18.724, 192.314
Yxy	23.7120, 0.2648, 0.3345
Android (android.graphics.Color)	4284125068 (0xFF5A8F8C)
YUV	126.8110, 6.5022, -32.2832
Hunter-Lab	48.6950, -16.4023, -0.4908

# Details

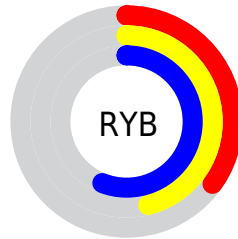
The Hex color **5A8F8C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8F5A5D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8FC5C1**, and **275C5A** is the 20% darker color. If you saturate the color by 10%, you get **4C8F8B**, and if you desaturate by 10%, it is **688F8D**.

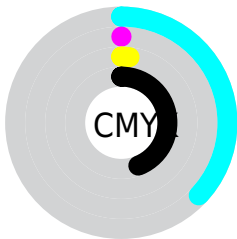
# Distribution



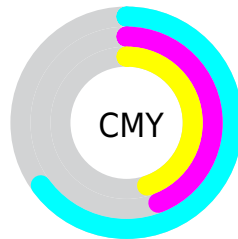
- Red (35%)
- Green (56%)
- Blue (55%)



- Red (35%)
- Yellow (46%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (44%)



- Cyan (65%)
- Magenta (44%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A8F8C 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 5A8F8C by changing the saturation by 10% instead.





5A8F8C



5A8F8C

FFFFFF



417573



8FC5C1



275C5A



AAE1DD



094543



C6FEFA



002E2D



E2FFFF



001B18



000000



5A8F8C



5A8F8C



4C8F8B



688F8D



3D8F8A



778F8E

 2F8F8A

 858F8E

 218F89

 938F8F

 138F88

 A28F90

 048F87

 B08F91

 008F87

 BE8F92

 CC8F92

 DB8F93

# Harmonies

## Analogous

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



678E7B



5A8F8C



598E9B

# Triad

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



5A8F8C



917F9E



9B8167

# Complementary

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



5A8F8C



8F5A5D

# 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.



A57D71



5A8F8C



A07B90

# Square

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



5A8F8C



7C85A5



A77A7F



8B8766

# Rectangle

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



5A8F8C



618BA2



A77A7F



9F8069



# Sweetspot

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



5A8F8C



A6BAB9



5E8F5A



525E5E



DEDEDE



5E5E5E



# Same Dimension

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



5A8F8C



68BAB6



5A788F



404747



008780



000807



# Inverse Universe

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



8F5A5D



BA686D



8F715A



474041



870008



080000



# Previews

## White Background



This preview shows how the Hex color 5A8F8C looks on a white background.

## Color Contrast Check

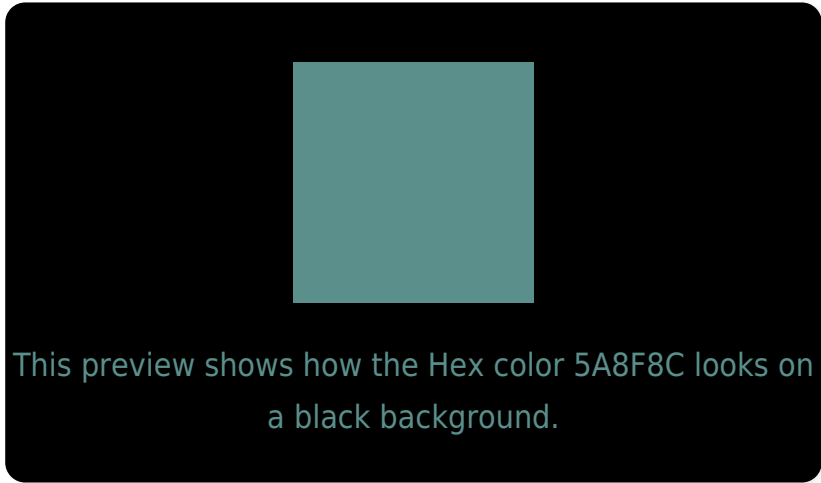
Large Text (above 18pt) WCAG AA ✓ Pass

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

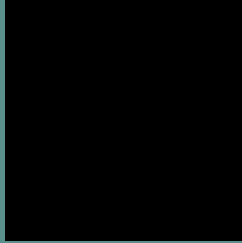
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5A8F8C Background



This preview shows how black text looks on a background with the Hex color 5A8F8C.



This preview shows how white text looks on a background with the Hex color 5A8F8C.

# 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**  
5A8F8C

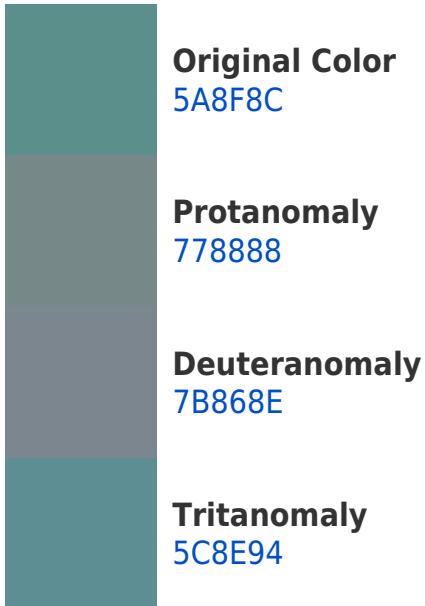
**Protanopia**  
878486

**Deuteranopia**  
8E818F

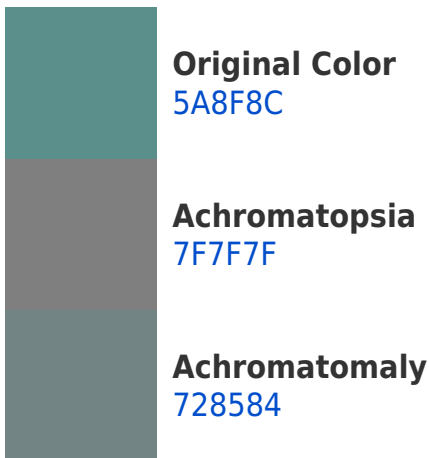


**Tritanopia**  
5D8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A8F8C 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 #5A8F8C looks like.

```
.text, #text, p{  
    color:#5A8F8C  
}
```

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 #5A8F8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8F8C
}
```

## Border

The CSS property to change the border of an element to Hex 5A8F8C 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
#5A8F8C }
```

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

```
.border{ border-color:#5A8F8C }
```

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

Here you see how a box with a 4 pixel #5A8F8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8F8C; -webkit-box-shadow:4px 4px  
4px 4px #5A8F8C; box-shadow:4px 4px 4px  
4px #5A8F8C }
```

# Background

The CSS property to change the background color of an element to Hex 5A8F8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8F8C }
```

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

```
.background{ background-color:#5A8F8C }
```

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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