

# Converting Colors

Hex(5A918A)

Have a look what the booklet for  
Hex(5A918A) contains.

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# Color

Hex(5A918A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A918A
RGB	90, 145, 138
RGB Percent	35%, 57%, 54%
CMY	0.6471, 0.4314, 0.4588
CMYK	0.38, 0.00, 0.05, 0.43
HSL	172°, 23%, 46%
HSV	172°, 38%, 57%
XYZ	18.9293, 24.2594, 27.7296
YIQ	127.7570, -30.5330, -13.8370

# Conversions

## Conversions Part 2

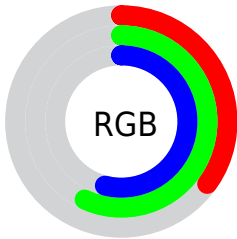
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 119, 145
Decimal	5935498
CIE <sub>Lab</sub>	56.35, -19.85, -2.04
CIE <sub>LCh</sub>	56, 19.953, 185.859
Yxy	24.2594, 0.2669, 0.3421
Android (android.graphics.Color)	4284125578 (0xFF5A918A)
YUV	127.7570, 5.0498, -33.1129
Hunter-Lab	49.2539, -17.5930, 1.0978

# Details

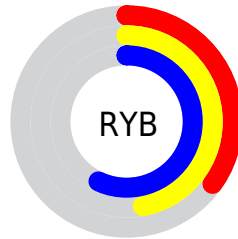
The Hex color **5A918A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **915A61**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8FC7BF**, and **275E58** is the 20% darker color. If you saturate the color by 10%, you get **4C9188**, and if you desaturate by 10%, it is **69918C**.

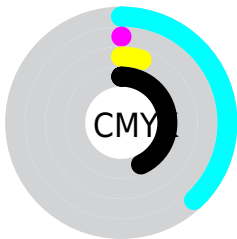
# Distribution



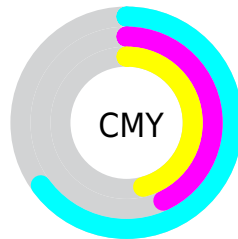
- Red (35%)
- Green (57%)
- Blue (54%)



- Red (35%)
- Yellow (47%)
- Blue (57%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (43%)



- Cyan (65%)
- Magenta (43%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A918A 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 5A918A by changing the saturation by 10% instead.





5A918A



5A918A

FFFFFF



407771



8FC7BF



275E58



AAE3DB



094641



C6FFF8



00302B



E2FFFF



001C16



000000



5A918A



5A918A



4C9188



69918C



3D9186



77918E

■ 2F9184

■ 869190

■ 209183

■ 949191

■ 129181

■ A39193

■ 03917F

■ B19195

■ 00917F

■ C09197

■ CE9199

■ DD919B

# Harmonies

## Analogous

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



6A9078



5A918A



55909B

# Triad

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



5A918A



8E82A3



A08168

# Complementary

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



5A918A



915A61

# 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.



A97C74



5A918A



A07D96

# Square

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



5A918A



7788A9



AA7B84



918765

# Rectangle

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



5A918A



5B8EA3



AA7B84



A47F6B



# Sweetspot

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



5A918A



A8BDBA



61915A



525E5D



DEDEDE



5E5E5E



# Same Dimension

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



5A918A



66BDB2



5A7D91



404746



008776



000807



# Inverse Universe

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



915A61



BD6671



916E5A



474041



870011



080001



# Previews

## White Background



This preview shows how the Hex color 5A918A looks on a white background.

## Color Contrast Check

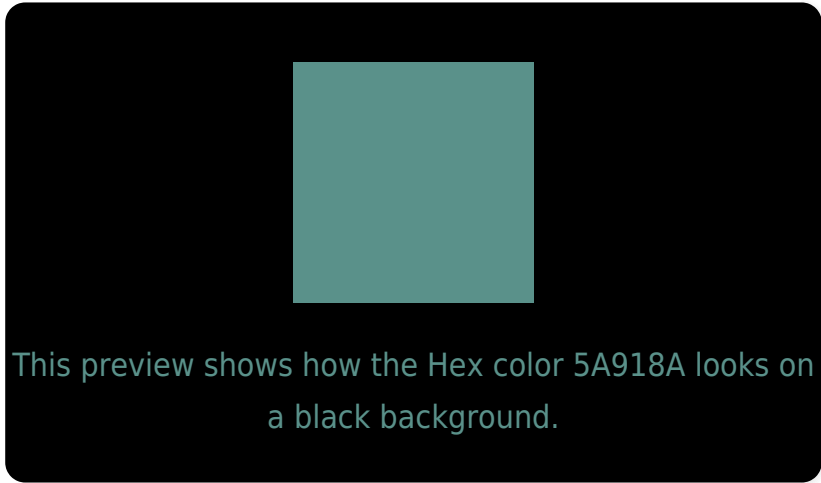
Large Text (above 18pt) WCAG AA ✓ Pass

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

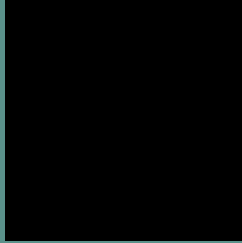
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

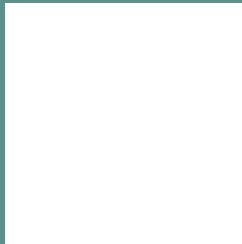
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A918A Background



This preview shows how black text looks on a background with the Hex color 5A918A.

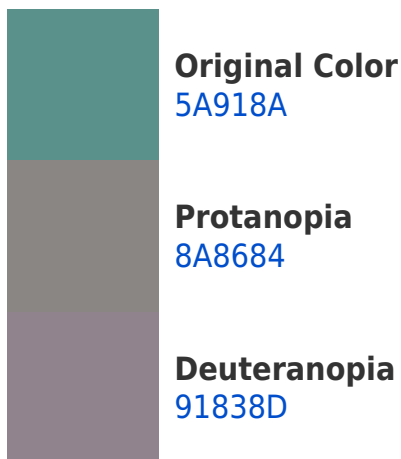


This preview shows how white text looks on a background with the Hex color 5A918A.

# 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](#).

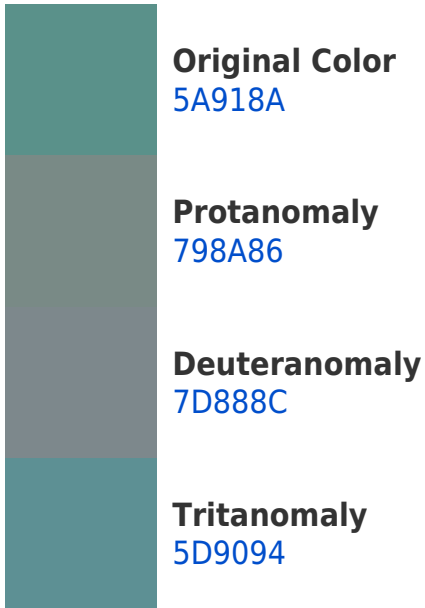
## Dichromacy



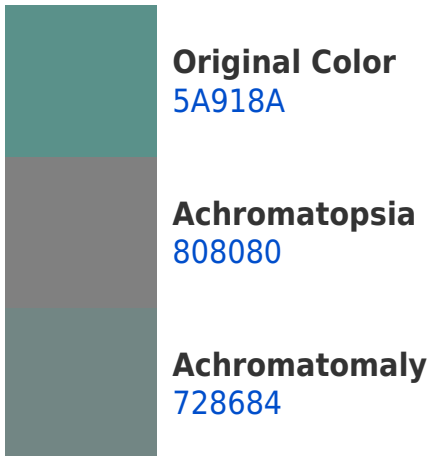


**Tritanopia**  
5E8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A918A 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 #5A918A looks like.

```
.text, #text, p{  
    color:#5A918A  
}
```

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 #5A918A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A918A
}
```

## Border

The CSS property to change the border of an element to Hex 5A918A 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
#5A918A }
```

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

```
.border{ border-color:#5A918A }
```

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

Here you see how a box with a 4 pixel #5A918A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A918A; -webkit-box-shadow:4px 4px  
4px 4px #5A918A; box-shadow:4px 4px 4px  
4px #5A918A }
```

# Background

The CSS property to change the background color of an element to Hex 5A918A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A918A }
```

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

```
.background{ background-color:#5A918A }
```

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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