

# Converting Colors

Hex(8A658C)

Have a look what the booklet for  
Hex(8A658C) contains.

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**Color**

**Hex(8A658C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A658C
RGB	138, 101, 140
RGB Percent	54%, 40%, 55%
CMY	0.4588, 0.6039, 0.4510
CMYK	0.01, 0.28, 0.00, 0.45
HSL	297°, 16%, 47%
HSV	297°, 28%, 55%
XYZ	19.8685, 16.6041, 26.9687
YIQ	116.5090, 9.5330, 19.9730

# Conversions

## Conversions Part 2

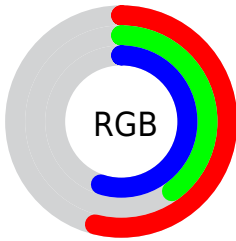
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 101, 140
Decimal	9069964
CIE <sub>Lab</sub>	47.76, 21.93, -15.68
CIE <sub>LCh</sub>	48, 26.953, 324.438
Yxy	16.6041, 0.3132, 0.2617
Android (android.graphics.Color)	4287260044 (0xFF8A658C)
YUV	116.5090, 11.5811, 18.8476
Hunter-Lab	40.7481, 15.7264, -10.7167

# Details

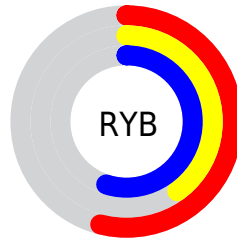
The Hex color **8A658C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **678C65**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C098C2**, and **57355A** is the 20% darker color. If you saturate the color by 10%, you get **89578C**, and if you desaturate by 10%, it is **8B738C**.

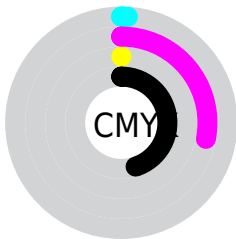
# Distribution



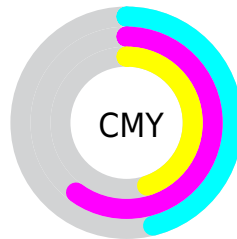
- Red (54%)
- Green (40%)
- Blue (55%)



- Red (54%)
- Yellow (40%)
- Blue (55%)



- Cyan (1%)
- Magenta (28%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (60%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A658C 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 8A658C by changing the saturation by 10% instead.





8A658C



8A658C

FFFFFF



704D72



C098C2



57355A



DCB3DE



3F1F42



F9CFFA



290A2C



FFEBFF



110018



000000



8A658C



8A658C



89578C



8B738C



89498C



8B818C

 883B8C

 8C8F8C

 872D8C

 8D9D8C

 861F8C

 8EAB8C

 86118C

 8EB98C

 85038C

 8FC78C

 85008C

 90D58C

 90E38C

# Harmonies

## Analogous

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



6E6D9B



8A658C



9A6076

# Triad

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



8A658C



846E44



1A7D83

# Complementary

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



8A658C



678C65

# 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.



367D6C



8A658C



6D7647

# Square

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



8A658C



95674D



537B56



247A96

# Rectangle

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



8A658C



9E6067



537B56



227E7C



# Sweetspot

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



8A658C



B4A7B5



65688C



5B535C



DBDBDB



5C5C5C



# Same Dimension

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



8A658C



B279B5



8C657B



443E45



7E0085



050005



# Inverse Universe

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



8C6567



B5797C



658C76



453E3E



850007

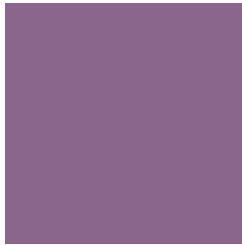


050000



# Previews

## White Background



This preview shows how the Hex color 8A658C looks on a white background.

## Color Contrast Check

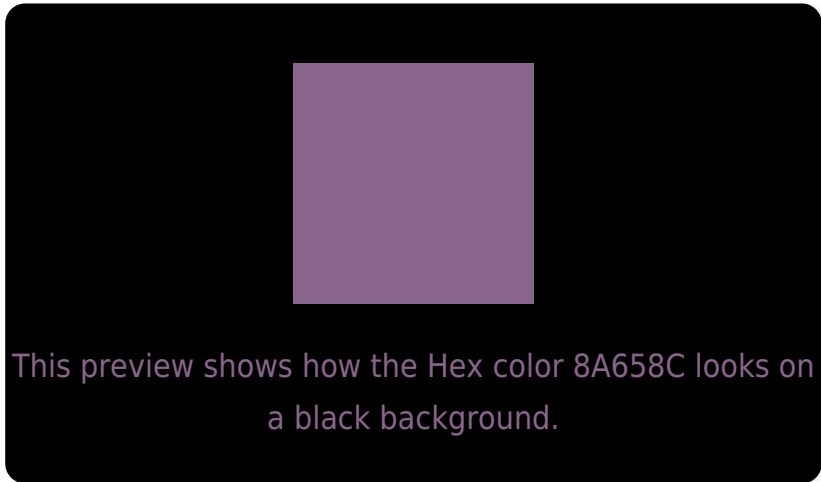
Large Text (above 18pt) WCAG AA ✓ Pass

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

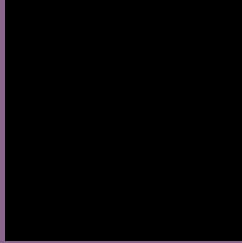
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A658C Background



This preview shows how black text looks on a background with the Hex color 8A658C.



This preview shows how white text looks on a background with the Hex color 8A658C.

# 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**  
8A658C

**Protanopia**  
687094

**Deuteranopia**  
706F8A



**Tritanopia**  
866A72

# Trichromacy



**Original Color**  
8A658C

**Protanomaly**  
746C91

**Deuteranomaly**  
796B8B

**Tritanomaly**  
87687B

# Monochromacy



**Original Color**  
8A658C

**Achromatopsia**  
757575

**Achromatomaly**  
7D6F7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A658C 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 #8A658C looks like.

```
.text, #text, p{  
    color:#8A658C  
}
```

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 #8A658C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A658C
}
```

## Border

The CSS property to change the border of an element to Hex 8A658C is called "border". The border property can be set on classes, ids or directly on the HTML element.

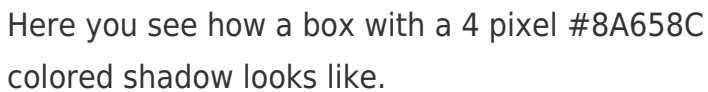
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A658C }
```

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

```
.border{ border-color:#8A658C }
```

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



Here you see how a box with a 4 pixel #8A658C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A658C; -webkit-box-shadow:4px 4px  
4px 4px #8A658C; box-shadow:4px 4px 4px  
4px #8A658C }
```

# Background

The CSS property to change the background color of an element to Hex 8A658C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A658C }
```

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

```
.background{ background-color:#8A658C }
```

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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