

# Converting Colors

Hex(8C9686)

Have a look what the booklet for  
Hex(8C9686) contains.

<b>Hex(8C9686)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(8C9686)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C9686
RGB	140, 150, 134
RGB Percent	55%, 59%, 53%
CMY	0.4510, 0.4118, 0.4745
CMYK	0.07, 0.00, 0.11, 0.41
HSL	97°, 7%, 56%
HSV	97°, 11%, 59%
XYZ	26.0246, 29.1094, 26.8013
YIQ	145.1860, -0.8240, -7.0960

# Conversions

## Conversions Part 2

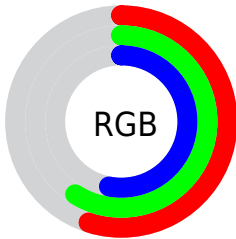
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 150, 144
Decimal	9213574
CIELab	60.88, -6.69, 7.21
CIELCh	61, 9.836, 132.885
Yxy	29.1094, 0.3176, 0.3553
Android (android.graphics.Color)	4287403654 (0xFF8C9686)
YUV	145.1860, -5.5147, -4.5481
Hunter-Lab	53.9531, -8.3173, 8.3148

# Details

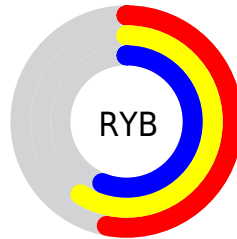
The Hex color **8C9686** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **908696**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **C2CCBB**, and **5A6354** is the 20% darker color. If you saturate the color by 10%, you get **839677**, and if you desaturate by 10%, it is **959695**.

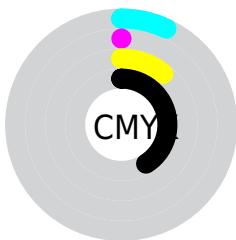
# Distribution



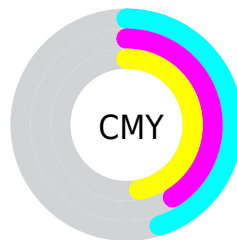
- Red (55%)
- Green (59%)
- Blue (53%)



- Red (53%)
- Yellow (59%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)



- Cyan (45%)
- Magenta (41%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C9686 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 8C9686 by changing the saturation by 10% instead.





8C9686



8C9686

FFFFFF



727C6D



C2CCBB



5A6354



DDE8D7



424B3D



FAFFF3



2C3527



182013



000600



000000



8C9686



8C9686




839677



959695

 799668

 9F96A4

 709659

 A896B3

 67964A

 B196C2

 5D963B

 BB96D1

 54962C

 C496E0

 4A961D

 CE96EF

 41960E

 D796FE

 389600

 E096FF

# Harmonies

## Analogous

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



969382



8C9686



83988D

# Triad

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



8C9686



8495A3



A68D8F

# Complementary

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



8C9686



908696

# 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.



A28E98



8C9686



8E92A4

# Square

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



8C9686



7E979E



9990A0



A48E87

# Rectangle

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



8C9686



7F9893



9990A0



A58D92



# Sweetspot

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



8C9686



BEC2BC



969086



5E615D



E0E0E0



616161



# Same Dimension

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



8C9686



B2C2A9



869688



454A43



348A00



040A00



# Inverse Universe

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



908696



B8A9C2



968694



47434A



56008A



06000A



# Previews

## White Background



This preview shows how the Hex color 8C9686 looks on a white background.

## Color Contrast Check

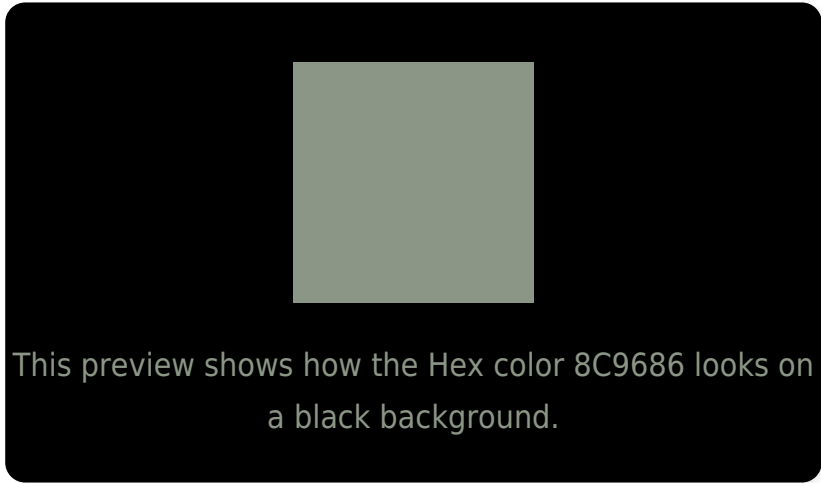
Large Text (above 18pt) WCAG AA ✓ Pass

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

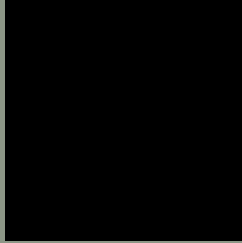
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C9686 Background



This preview shows how black text looks on a background with the Hex color 8C9686.

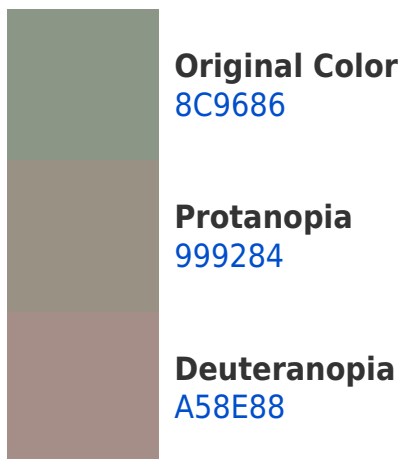


This preview shows how white text looks on a background with the Hex color 8C9686.

# 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**  
90939E

# Trichromacy



**Original Color**  
8C9686

**Protanomaly**  
949385

**Deuteranomaly**  
9C9187

**Tritanomaly**  
8F9495

# Monochromacy



**Original Color**  
8C9686

**Achromatopsia**  
919191

**Achromatomaly**  
8F938D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C9686 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 #8C9686 looks like.

```
.text, #text, p{  
    color:#8C9686  
}
```

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 #8C9686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C9686
}
```

## Border

The CSS property to change the border of an element to Hex 8C9686 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
#8C9686 }
```

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

```
.border{ border-color:#8C9686 }
```

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

Here you see how a box with a 4 pixel #8C9686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C9686; -webkit-box-shadow:4px 4px  
4px 4px #8C9686; box-shadow:4px 4px 4px  
4px #8C9686 }
```

# Background

The CSS property to change the background color of an element to Hex 8C9686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C9686 }
```

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

```
.background{ background-color:#8C9686 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor